

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099799.D
 Acq On : 24 Oct 2017 20:24
 Operator : SJ/JU
 Sample : I5956-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 25 07:38:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	89305	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	363079	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	152333	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	221461	20.00	ng	0.00
75) Chrysene-d12	13.99	240	156426	20.00	ng	0.00
86) Perylene-d12	15.45	264	160435	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	610554	107.33	ng	0.01
7) Phenol-d6	6.46	99	716900	106.29	ng	0.00
23) Nitrobenzene-d5	7.37	82	412793	73.20	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	126240	90.94	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	769218	77.91	ng	0.00
78) Terphenyl-d14	12.92	244	468832	65.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	79263	31.55	ng	# 90
3) Pyridine	3.36	79	192099	31.80	ng	# 89
4) n-Nitrosodimethylamine	3.30	42	80201	37.16	ng	# 75
6) Aniline	6.47	93	255775	29.25	ng	# 91
8) 2-Chlorophenol	6.60	128	236514	39.01	ng	91
9) Benzaldehyde	6.36	77	134452	33.36	ng	91
10) Phenol	6.47	94	289296	39.07	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	218489	38.21	ng	94
12) 1,3-Dichlorobenzene	6.75	146	250539	36.81	ng	96
13) 1,4-Dichlorobenzene	6.82	146	255906	37.04	ng	98
14) 1,2-Dichlorobenzene	6.97	146	231803	36.81	ng	97
15) Benzyl Alcohol	6.96	79	162928	37.98	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	273272	43.02	ng	72
17) 2-Methylphenol	7.07	107	187273	36.93	ng	97
18) Hexachloroethane	7.31	117	79568	34.52	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	143928	36.41	ng	90
20) 3+4-Methylphenols	7.22	107	233490	39.54	ng	# 68
22) Acetophenone	7.22	105	299634	36.24	ng	# 98
24) Nitrobenzene	7.40	77	220473	38.80	ng	# 88
25) Isophorone	7.63	82	413485	40.41	ng	97
26) 2-Nitrophenol	7.71	139	117849	36.21	ng	# 86
27) 2,4-Dimethylphenol	7.75	122	203698	42.48	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	274075	38.24	ng	99
29) 2,4-Dichlorophenol	7.96	162	194825	39.11	ng	95
30) 1,2,4-Trichlorobenzene	8.03	180	199229	37.43	ng	97
31) Naphthalene	8.11	128	649384	37.05	ng	100
32) Benzoic acid	7.75	122	203698	48.26	ng	# 12
33) 4-Chloroaniline	8.17	127	182897	25.27	ng	# 94
34) Hexachlorobutadiene	8.22	225	97254	35.52	ng	98
35) Caprolactam	8.54	113	55695	35.55	ng	# 79
36) 4-Chloro-3-methylphenol	8.66	107	188533	37.08	ng	92
37) 2-Methylnaphthalene	8.80	142	443369	37.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	179566	36.50	ng	# 98
40) Hexachlorocyclopentadiene	8.95	237	7084	18.26	ng	99

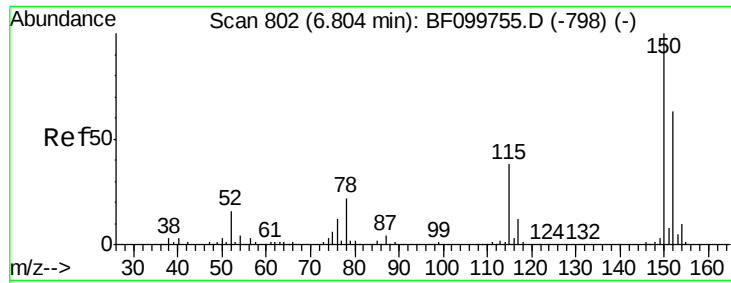
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102417\
 Data File : BF099799.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 23 23:39:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	120192	40.39	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	121714	38.54	nq	95
45) 1,1'-Biphenyl	9.26	154	506814	36.78	nq	98
46) 2-Chloronaphthalene	9.29	162	394130	39.38	nq	96
47) 2-Nitroaniline	9.40	65	104353	39.73	nq	88
48) Acenaphthylene	9.71	152	561730	36.44	nq	99
49) Dimethylphthalate	9.57	163	481975	39.95	nq	99
50) 2,6-Dinitrotoluene	9.64	165	96112	37.90	nq	# 85
51) Acenaphthene	9.88	154	334148	35.48	nq	99
52) 3-Nitroaniline	9.82	138	94351	31.57	nq	86
53) 2,4-Dinitrophenol	9.97	184	478	6.20	nq	# 16
54) Dibenzofuran	10.05	168	484165	36.42	nq	98
55) 4-Nitrophenol	9.99	139	99089	63.46	nq	# 77
56) 2,4-Dinitrotoluene	10.05	165	108568	35.55	nq	# 96
57) Fluorene	10.40	166	383451	34.83	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	78192	35.31	nq	93
59) Diethylphthalate	10.26	149	432477	36.71	nq	98
60) 4-Chlorophenyl-phenylether	10.38	204	182608	35.25	nq	96
61) 4-Nitroaniline	10.43	138	90841	31.86	nq	82
62) Azobenzene	10.55	77	361799	36.64	nq	89
64) 4,6-Dinitro-2-methylphenol	10.47	198	5115	3.67	nq	82
65) n-Nitrosodiphenylamine	10.50	169	344984	42.20	nq	98
66) 4-Bromophenyl-phenylether	10.87	248	98846	42.40	nq	# 89
67) Hexachlorobenzene	10.94	284	92308	38.70	nq	94
68) Atrazine	11.03	200	100031	40.73	nq	98
69) Pentachlorophenol	11.14	266	61267	60.11	nq	99
70) Phenanthrene	11.36	178	459484	36.76	nq	98
71) Anthracene	11.41	178	477389	37.63	nq	98
72) Carbazole	11.57	167	423559	35.50	nq	98
73) Di-n-butylphthalate	11.89	149	593124	38.98	nq	99
74) Fluoranthene	12.55	202	413531	31.84	nq	98
76) Benzidine	12.68	184	323359	47.24	nq	98
77) Pyrene	12.78	202	416803	35.04	nq	99
79) Butylbenzylphthalate	13.39	149	198740	33.93	nq	91
80) Benzo(a)anthracene	13.97	228	364078	36.71	nq	98
81) 3,3'-Dichlorobenzidine	13.93	252	131898	36.64	nq	99
82) Chrysene	14.01	228	350878	37.64	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	281303	34.20	nq	# 99
84) Di-n-octyl phthalate	14.55	149	503632	35.67	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.93	276	305820	35.73	nq	96
87) Benzo(b)fluoranthene	15.02	252	379410	37.45	nq	96
88) Benzo(k)fluoranthene	15.05	252	346744	36.30	nq	99
89) Benzo(a)pyrene	15.39	252	346486	38.07	nq	98
90) Dibenzo(a,h)anthracene	16.93	278	265934	32.89	nq	96
91) Benzo(g,h,i)perylene	17.37	276	241126	30.48	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

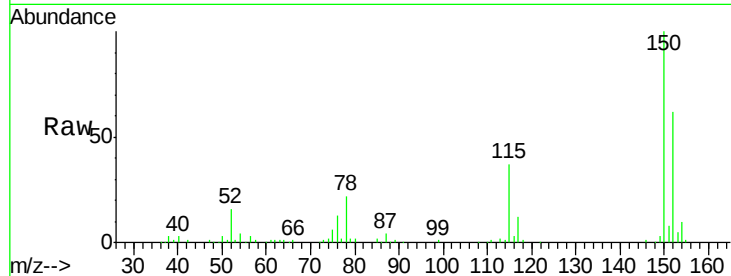


#1

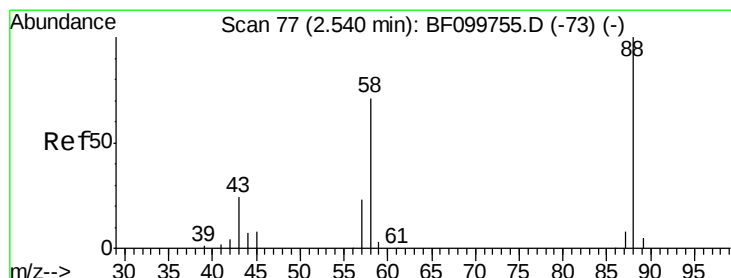
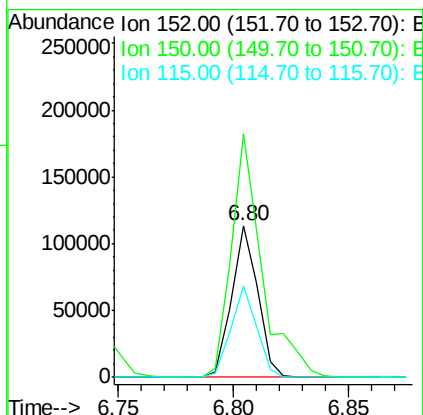
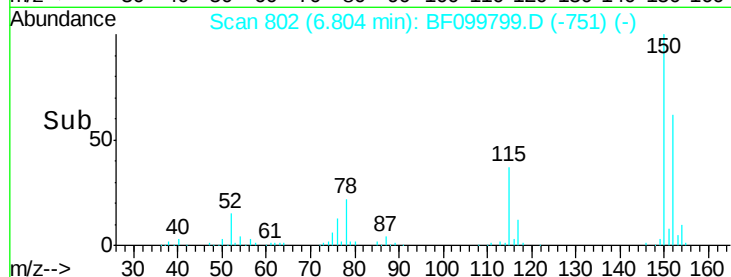
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 89305
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 60.1 50.1 75.1



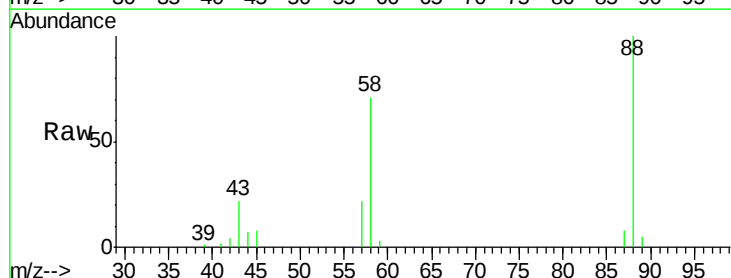
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



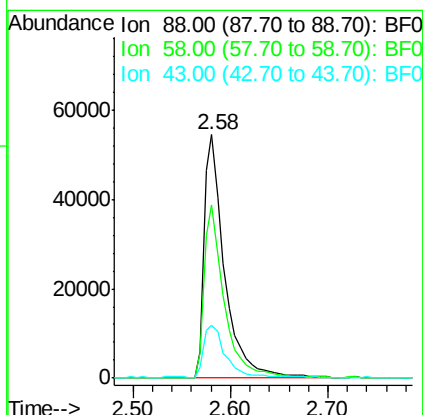
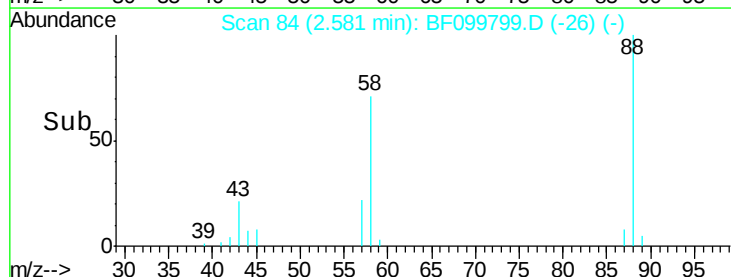
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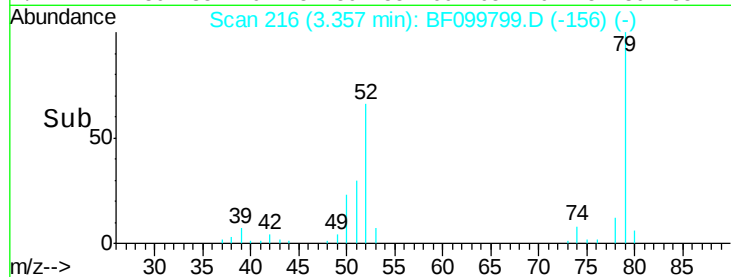
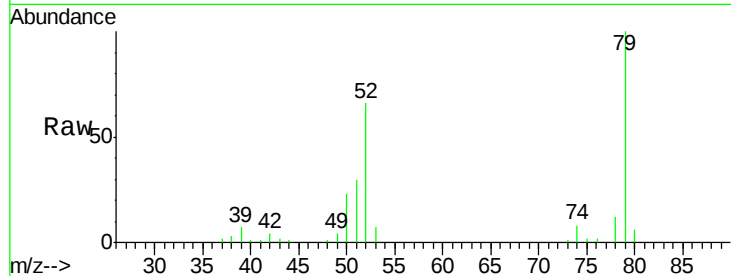
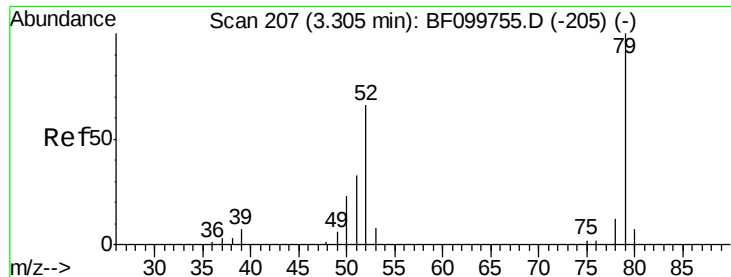
1,4-Dioxane
Concen: 31.55 ng
RT: 2.58 min Scan# 84
Delta R.T. 0.04 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion: 88 Resp: 79263
Ion Ratio Lower Upper
88 100
58 70.4 62.6 93.8
43 24.6 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0

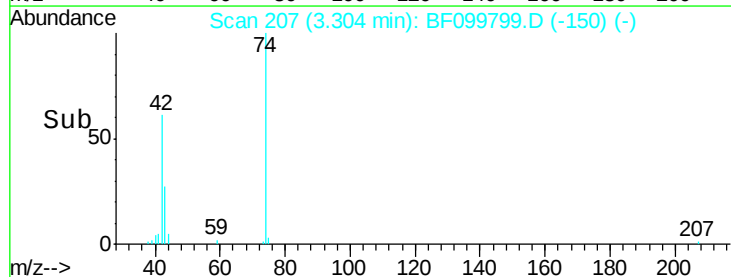
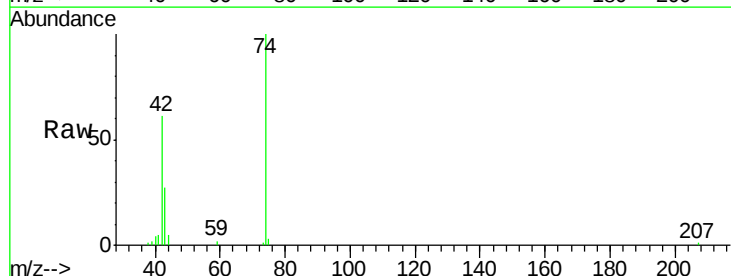
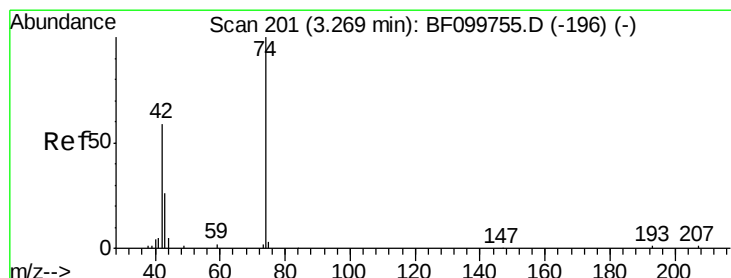
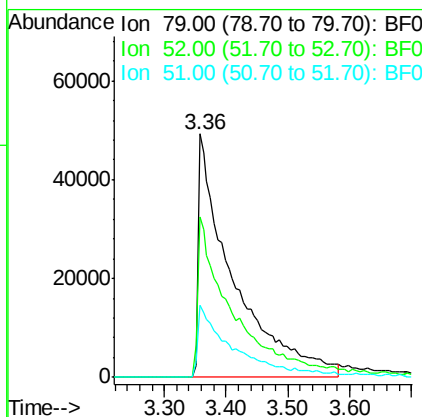




#3
 Pvridine
 Concen: 31.80 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.05 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

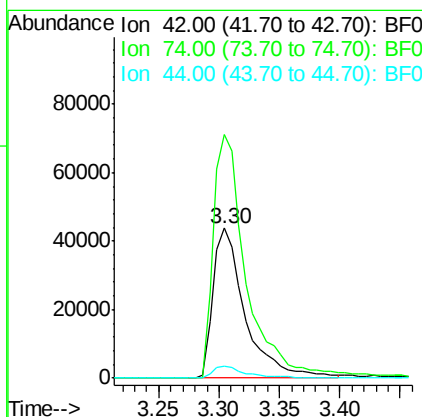
Instrument :
 BNA_F
 ClientSampleId :

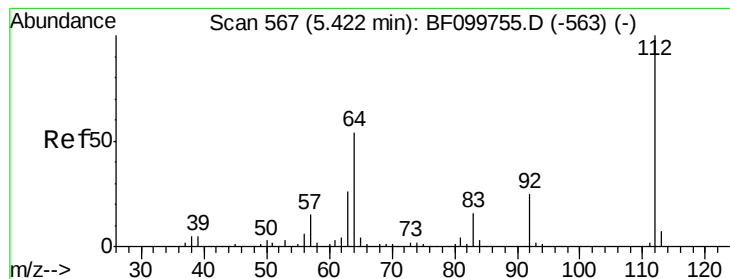
Tot Ion	79	Resp	192099
Ion Ratio	100	Lower	Upper
52	65.8	59.8	89.6
51	29.8	29.8	44.8#



#4
 n-Nitrosodimethylamine
 Concen: 37.16 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.04 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion	42	Resp	80201
Ion Ratio	100	Lower	Upper
74	162.7	104.9	157.3#
44	8.2	6.9	10.3





#5

2-Fluorophenol

Concen: 107.33 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF099799.D

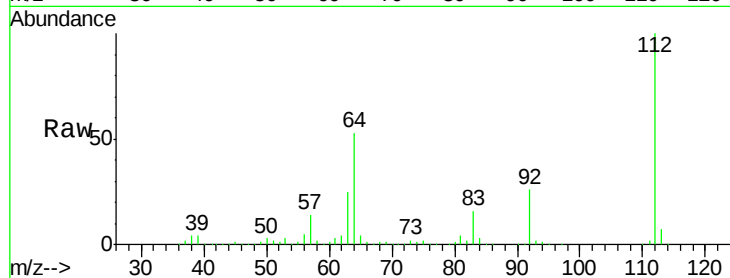
Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampled :

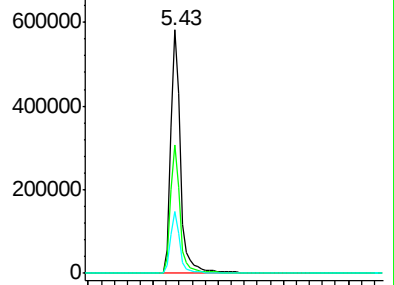
Tot Ion:	112	Resp:	610554
Ion	Ratio	Lower	Upper
112	100		
64	52.8	47.9	71.9
63	25.3	23.7	35.5



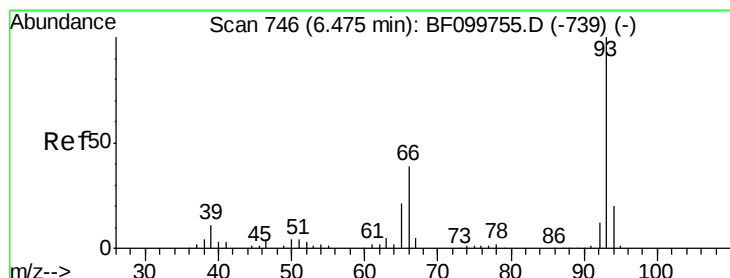
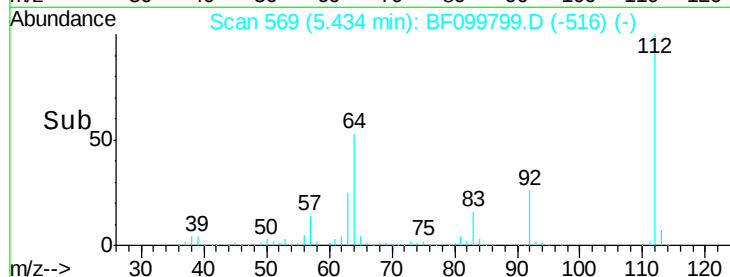
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time--> 5.30 5.40 5.50 5.60 5.70



#6

Aniline

Concen: 29.25 ng

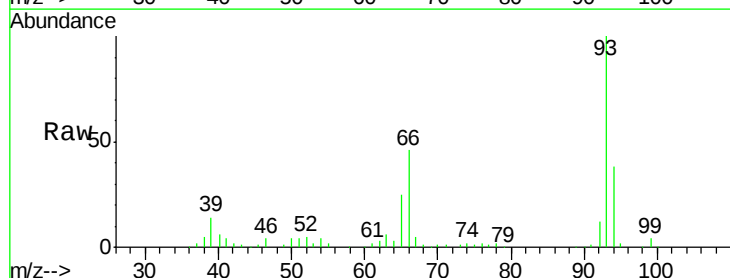
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

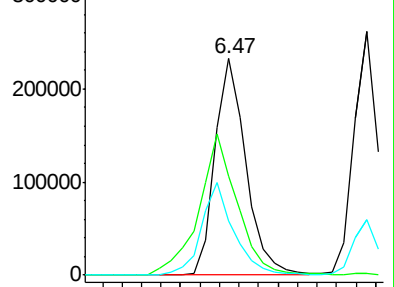
Tgt Ion:	93	Resp:	255775
Ion	Ratio	Lower	Upper
93	100		
66	45.8	32.2	48.2
65	24.9	16.4	24.6#



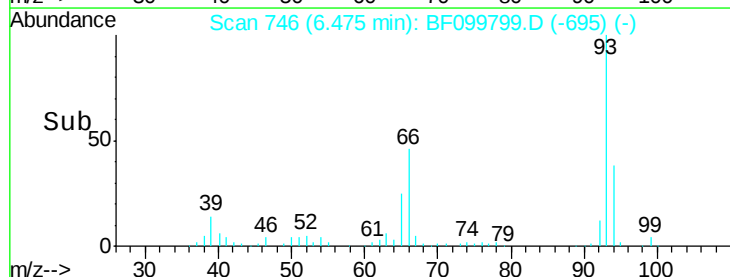
Abundance Ion 93.00 (92.70 to 93.70): BF0

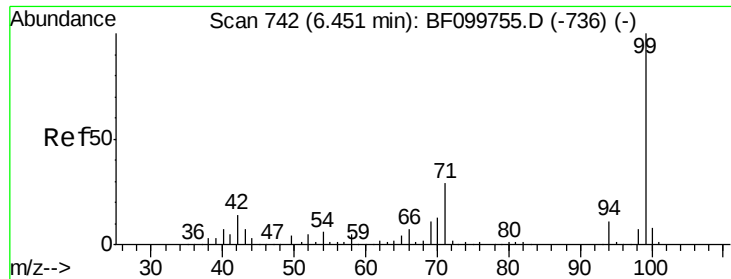
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



Time--> 6.45 6.50





#7

Phenol-d6

Concen: 106.29 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

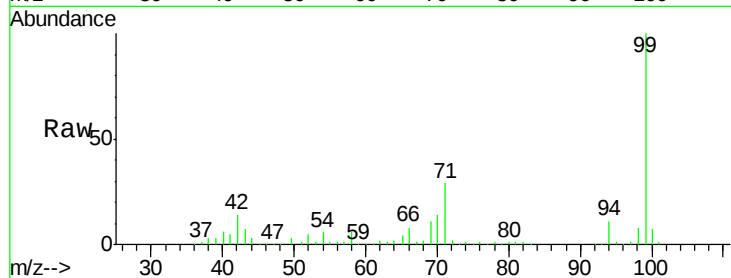
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 716900

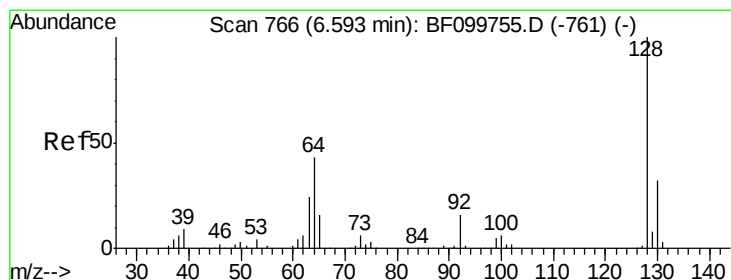
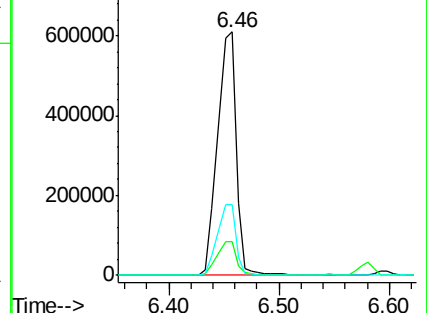
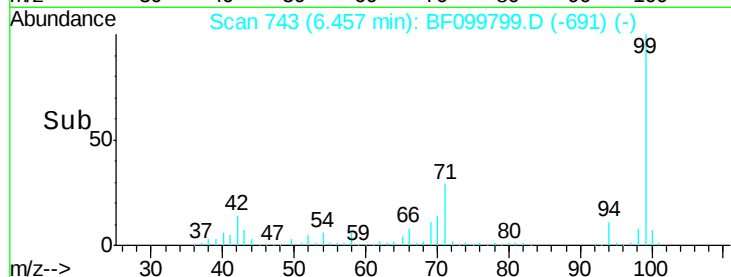
Ion	Ratio	Lower	Upper
99	100		
42	13.9	14.5	21.7#
71	29.0	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.01 ng

RT: 6.60 min Scan# 767

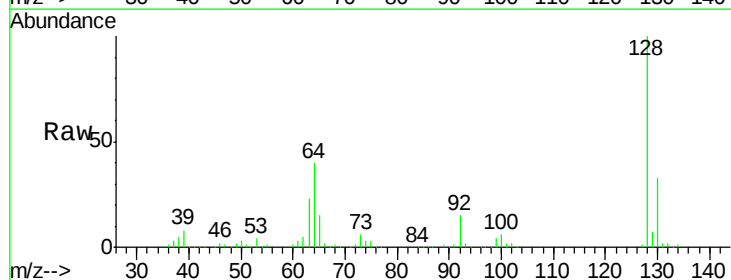
Delta R.T. 0.01 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Tgt Ion: 128 Resp: 236514

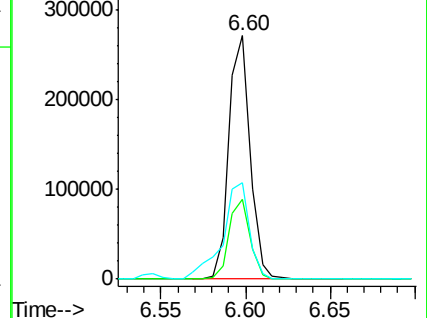
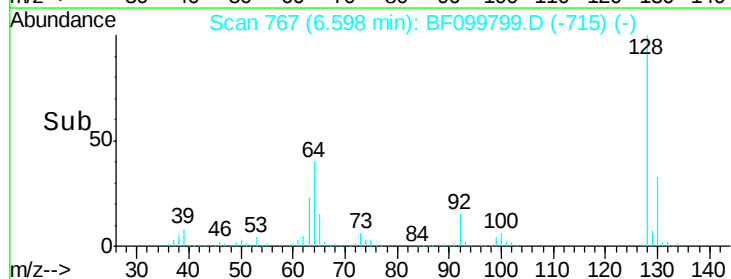
Ion	Ratio	Lower	Upper
128	100		
130	32.7	13.0	53.0
64	39.7	29.4	69.4

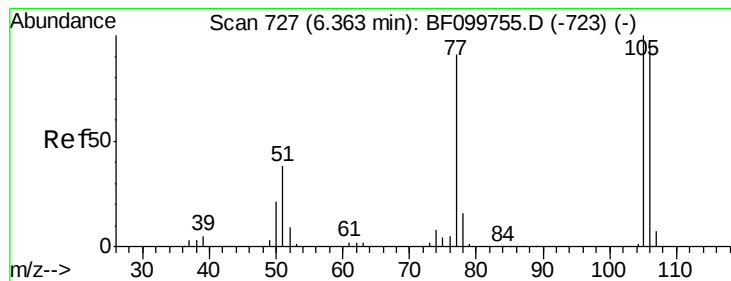


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.36 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

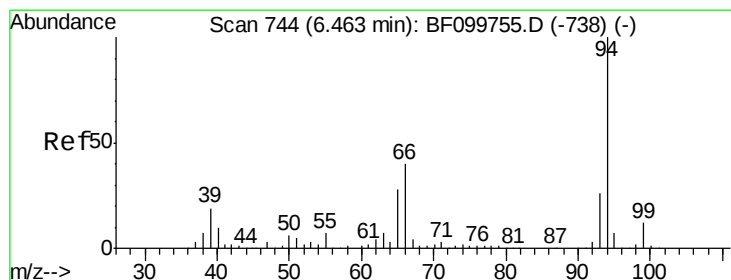
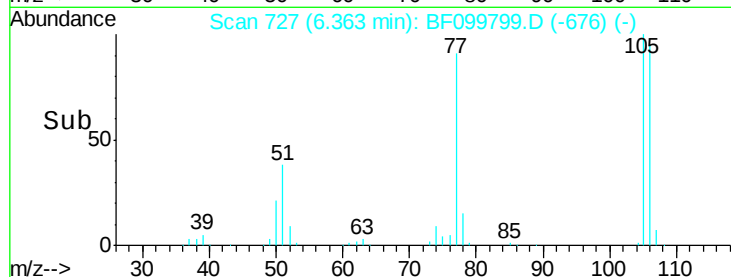
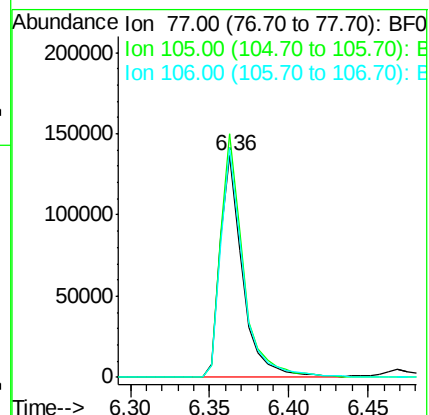
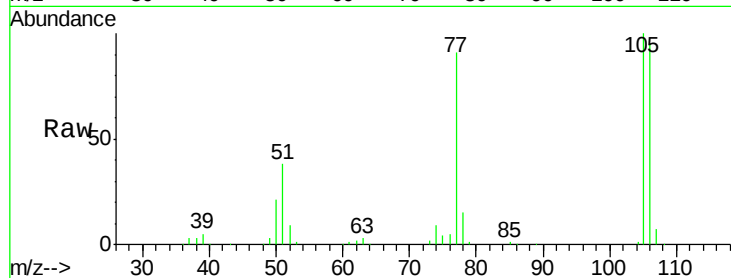
Tot Ion: 77 Resp: 134452

Ion Ratio Lower Upper

77 100

105 110.0 81.1 121.1

106 104.0 74.5 114.5



#10

Phenol

Concen: 39.07 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

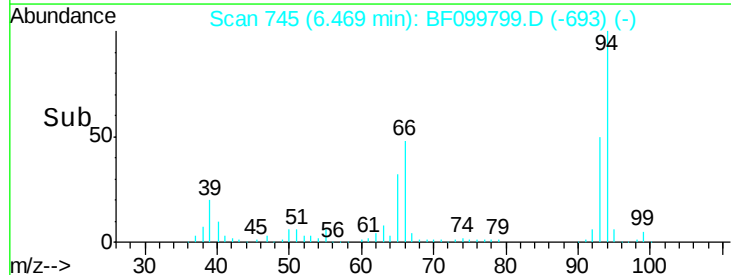
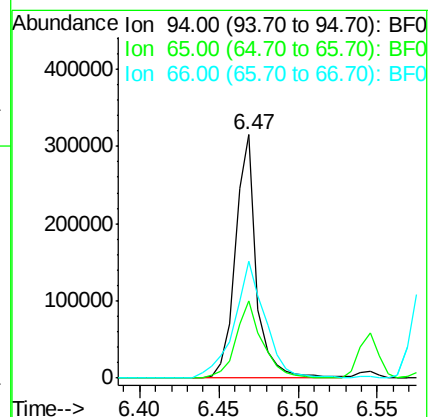
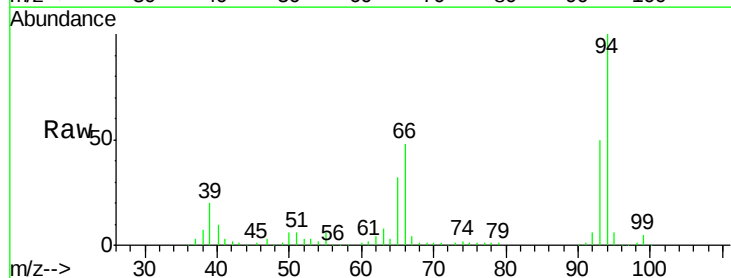
Tgt Ion: 94 Resp: 289296

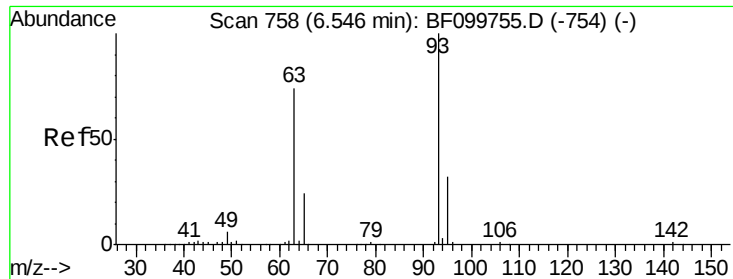
Ion Ratio Lower Upper

94 100

65 31.7 7.9 47.9

66 47.9 16.2 56.2

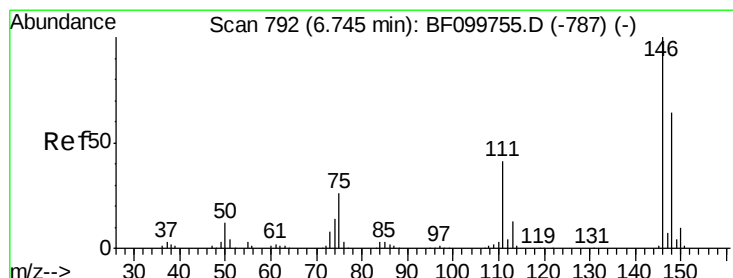
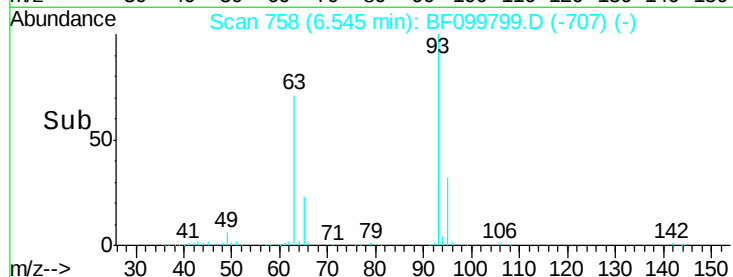
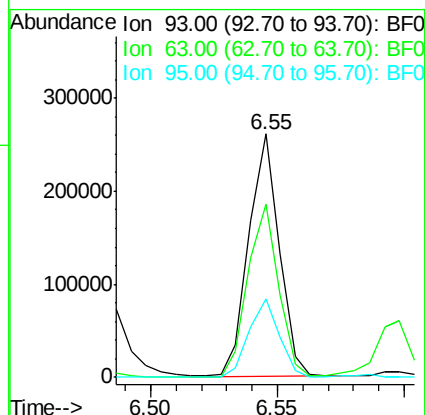
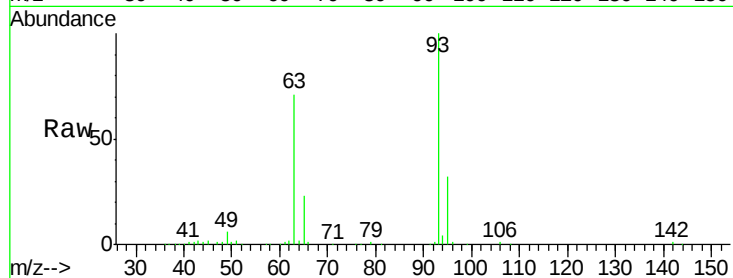




#11
bis(2-Chloroethyl)ether
Concen: 38.21 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

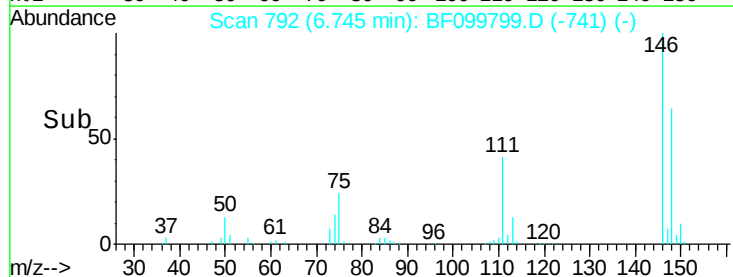
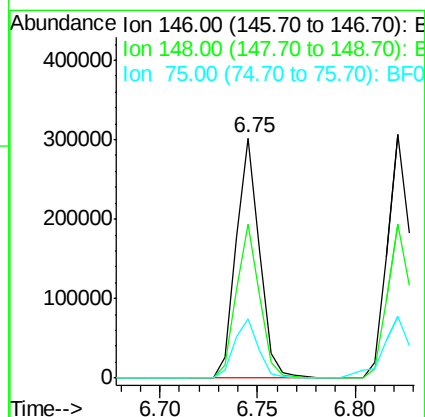
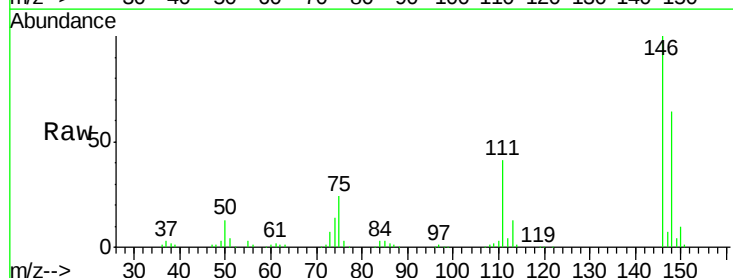
Instrument :
BNA_F
ClientSampleId :

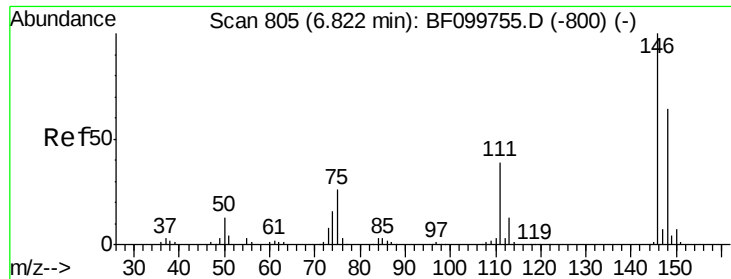
Tot Ion: 93 Resp: 218489
Ion Ratio Lower Upper
93 100
63 71.0 58.6 98.6
95 32.3 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 36.81 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion: 146 Resp: 250539
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 24.5 24.2 36.4

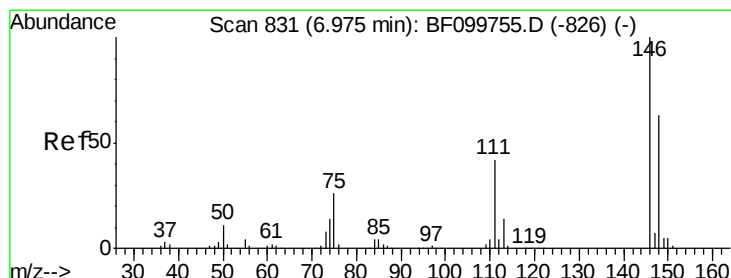
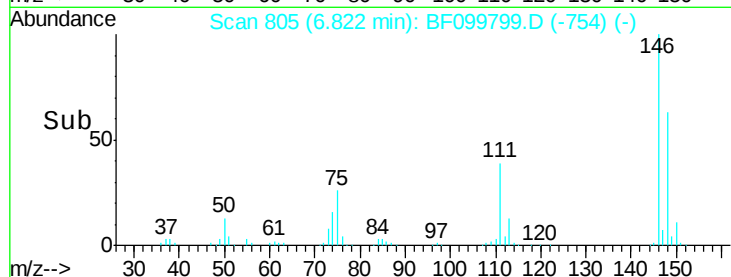
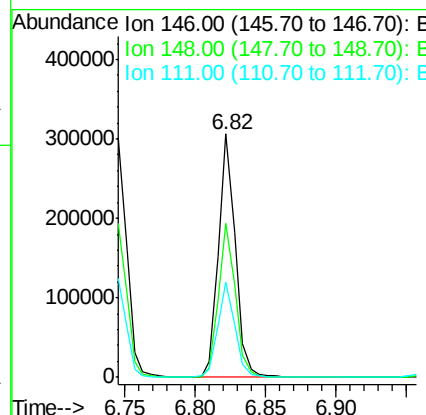
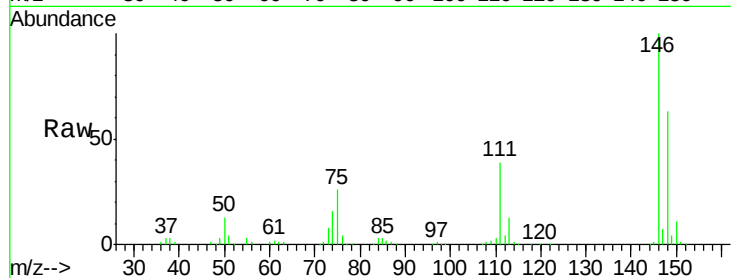




#13
 1,4-Dichlorobenzene
 Concen: 37.04 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

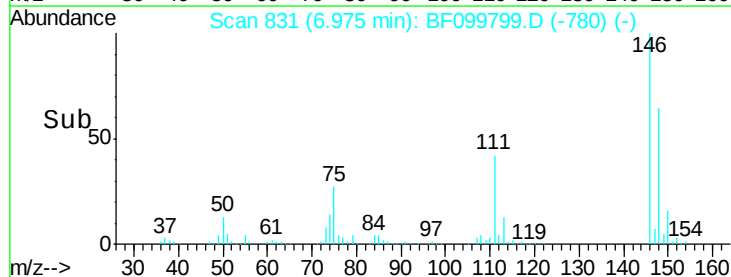
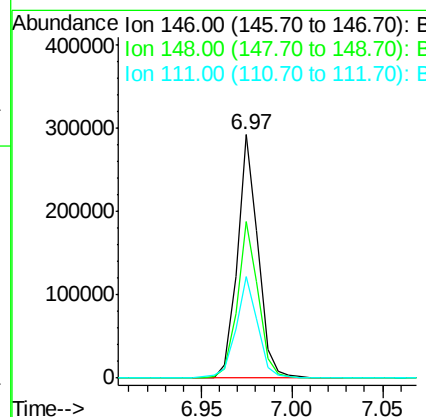
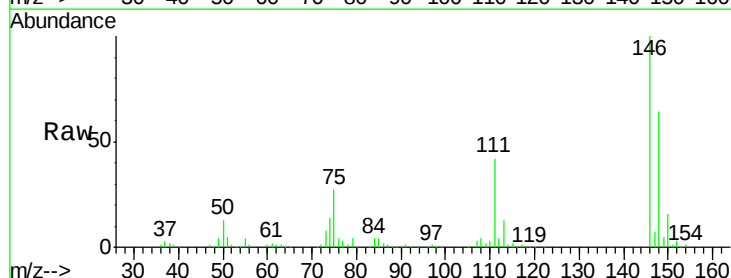
Instrument :
 BNA_F
 ClientSampleId :

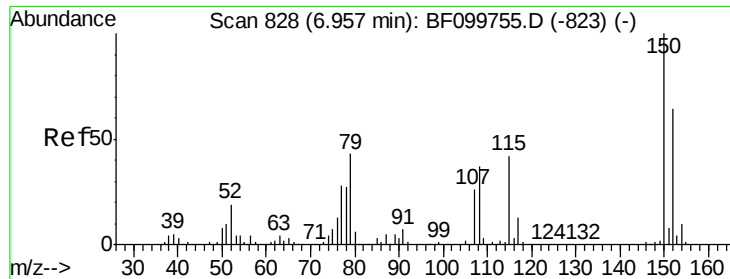
Tot Ion:146 Resp: 255906
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.8 76.2
 111 39.3 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 36.81 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion:146 Resp: 231803
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.6 75.8
 111 41.8 36.0 54.0





#15

Benzyl Alcohol

Concen: 37.98 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

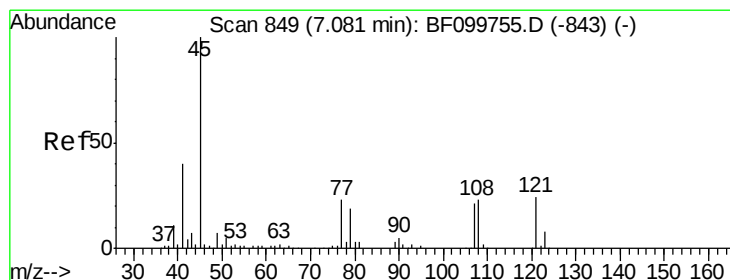
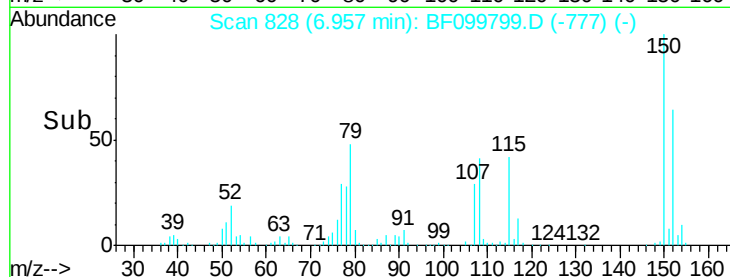
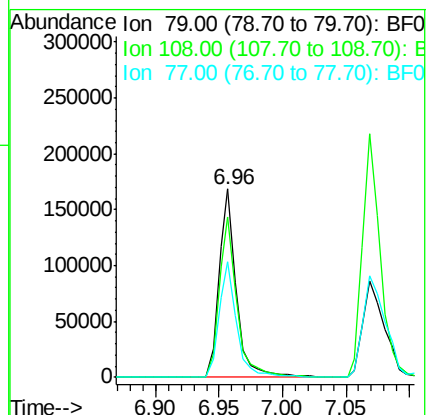
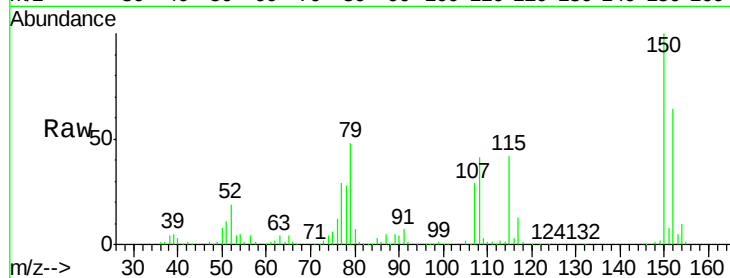
Tot Ion: 79 Resp: 162928

Ion Ratio Lower Upper

79 100

108 85.2 65.1 97.7

77 61.4 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.02 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

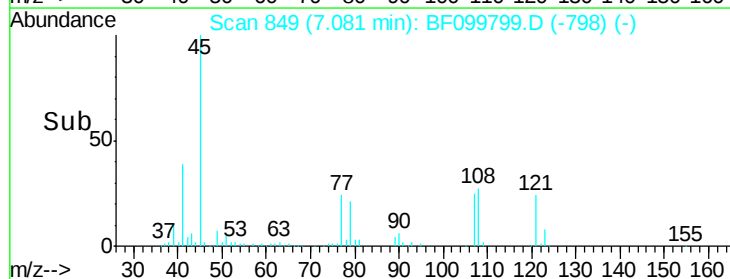
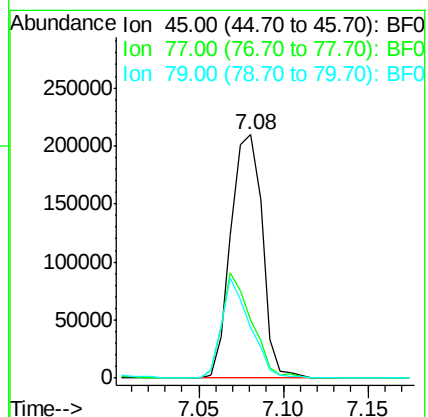
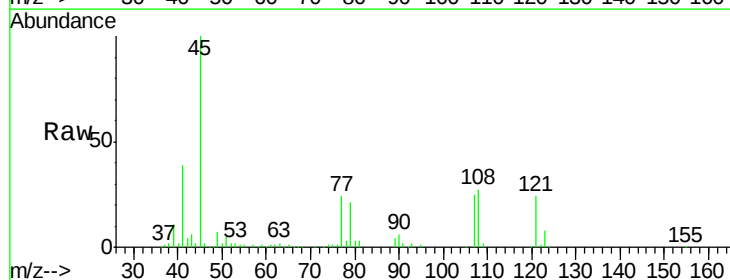
Tgt Ion: 45 Resp: 273272

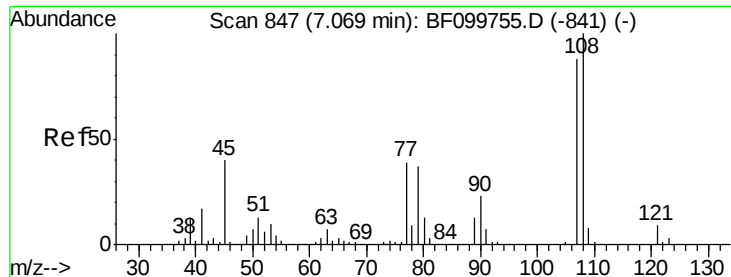
Ion Ratio Lower Upper

45 100

77 23.7 0.0 32.9

79 20.5 0.0 29.6

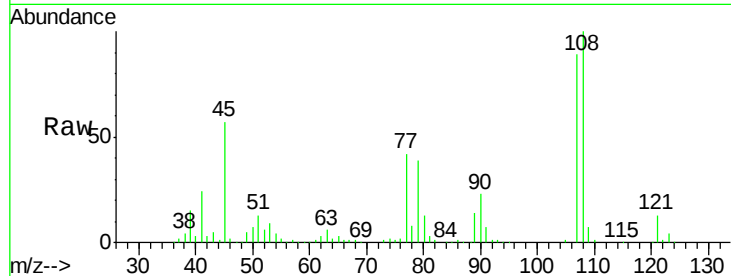




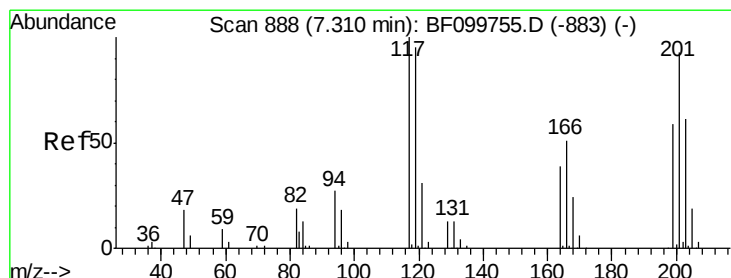
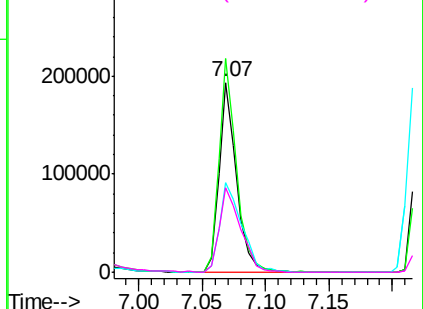
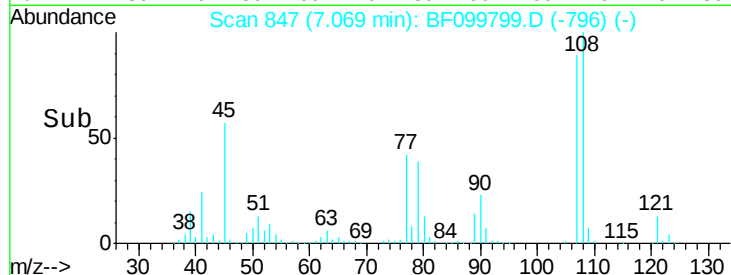
#17
2-Methylphenol
Concen: 36.93 ng
RT: 7.07 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 187273
Ion Ratio Lower Upper
107 100
108 112.6 91.7 137.5
77 47.1 33.8 50.8
79 44.4 33.8 50.8

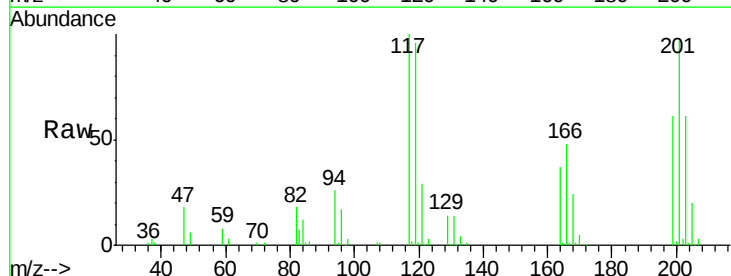


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

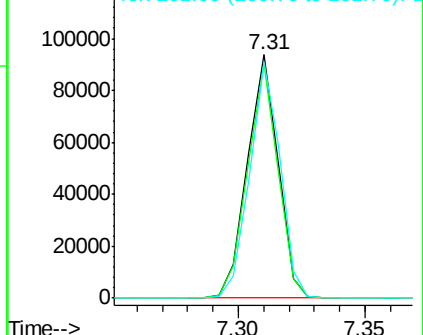
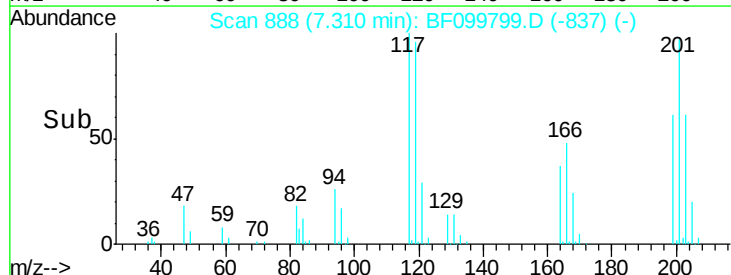


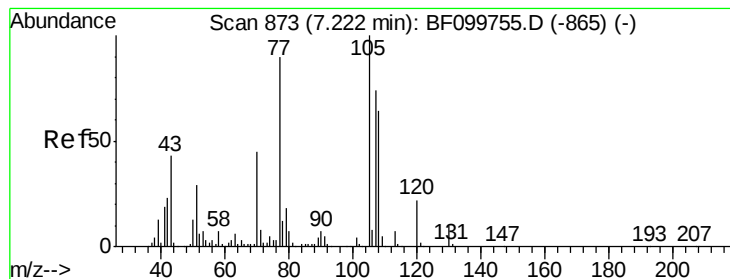
#18
Hexachloroethane
Concen: 34.52 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:117 Resp: 79568
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
201 97.1 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.41 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 143928

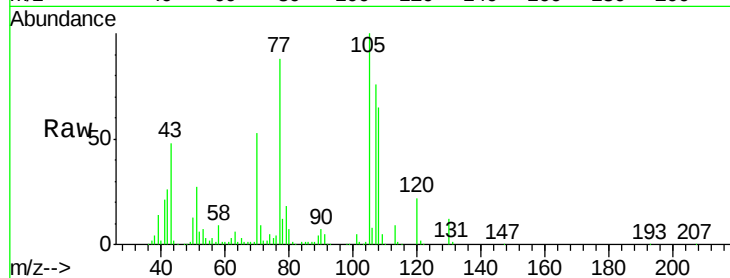
Ion Ratio Lower Upper

70 100

42 49.5 47.5 71.3

101 9.8 7.4 11.2

130 22.9 16.6 25.0

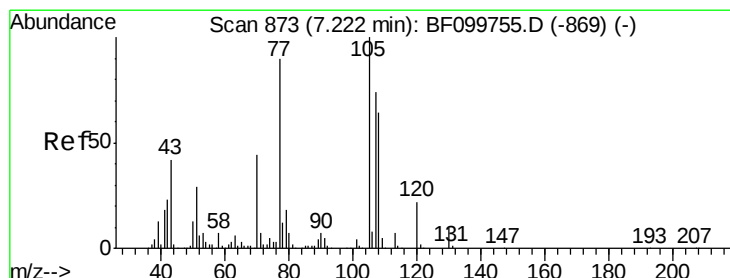
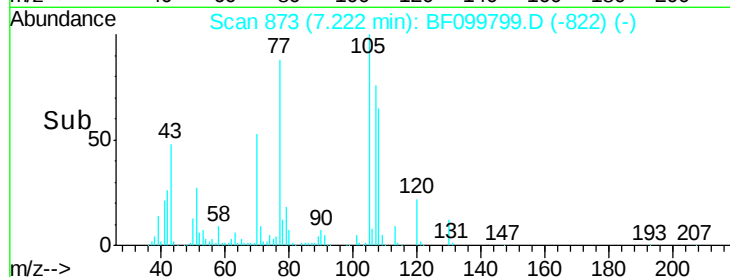
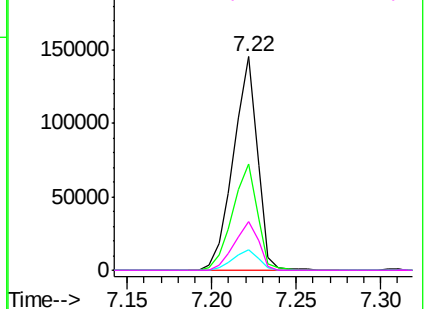


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 39.54 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Tgt Ion:107 Resp: 233490

Ion Ratio Lower Upper

107 100

108 85.4 68.2 108.2

77 114.9 26.7 66.7#

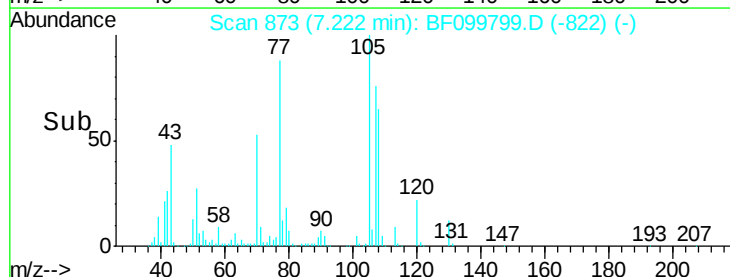
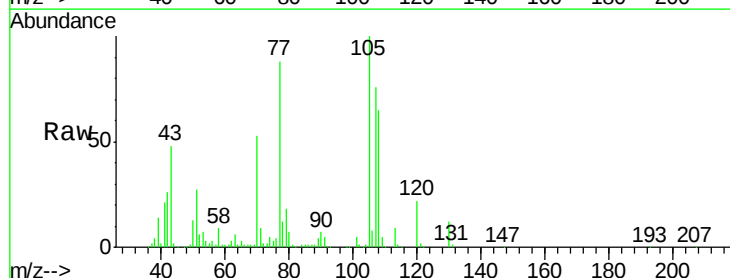
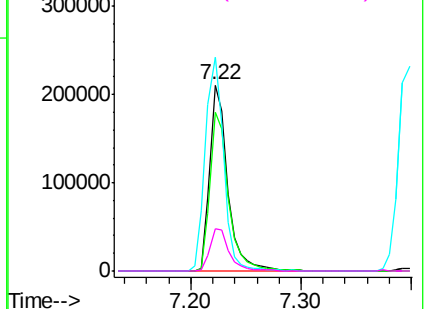
79 23.0 6.3 46.3

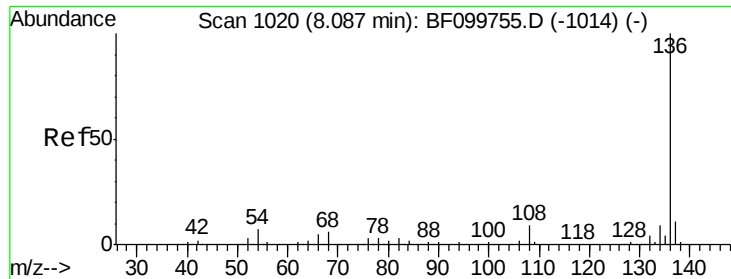
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

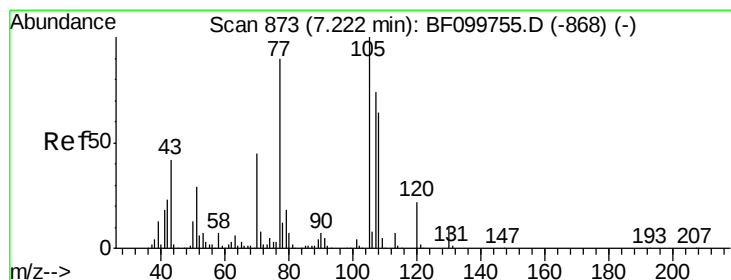
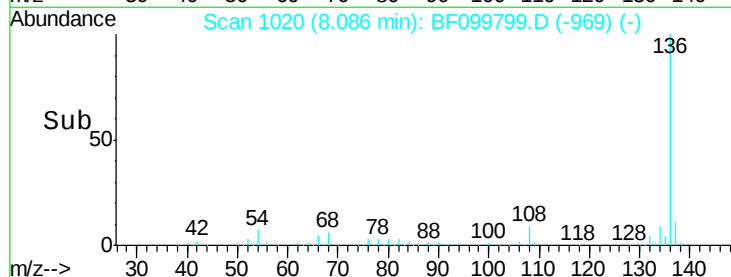
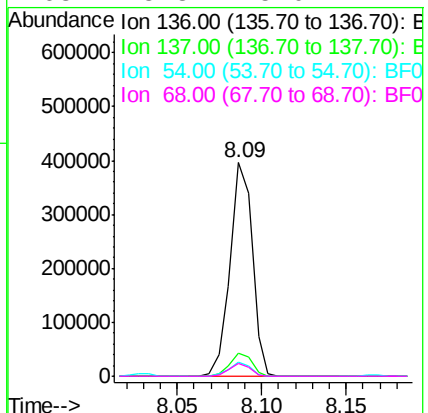
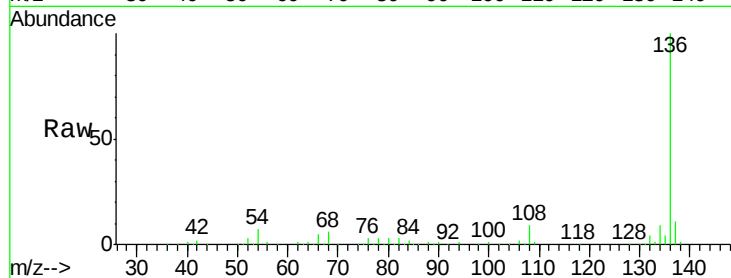




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

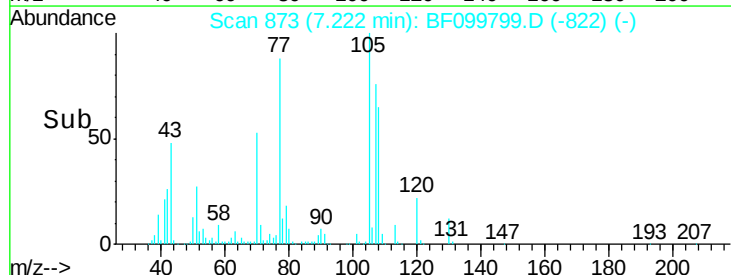
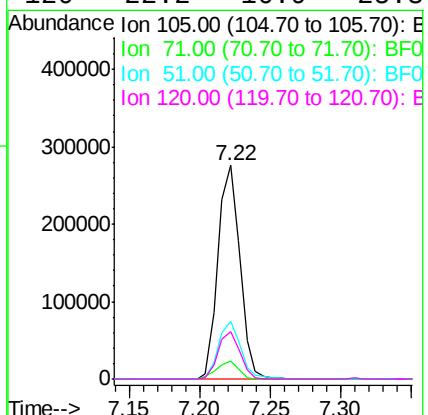
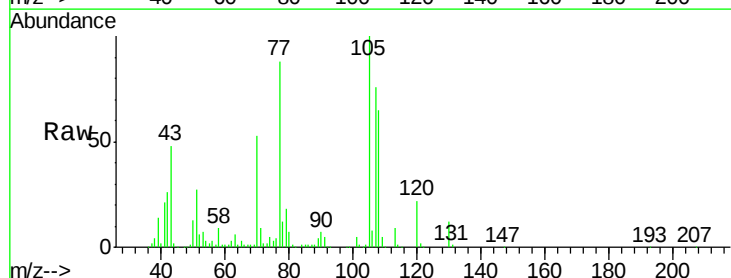
Instrument :
BNA_F
ClientSampleId :

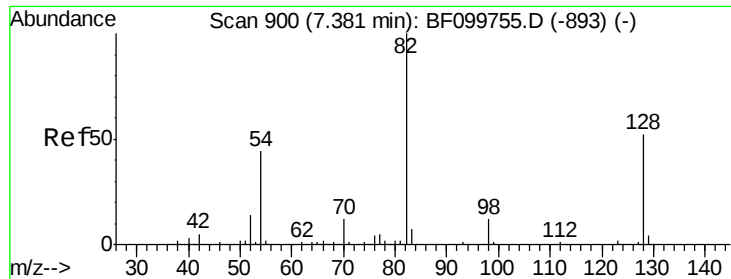
Tot Ion:136	Resp:	363079
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 6.9	6.6	9.8
68 5.8	5.0	7.4



#22
Acetophenone
Concen: 36.24 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:105	Resp:	299634
Ion Ratio	Lower	Upper
105 100		
71 8.6	4.4	6.6#
51 27.2	22.3	33.5
120 22.2	16.9	25.3

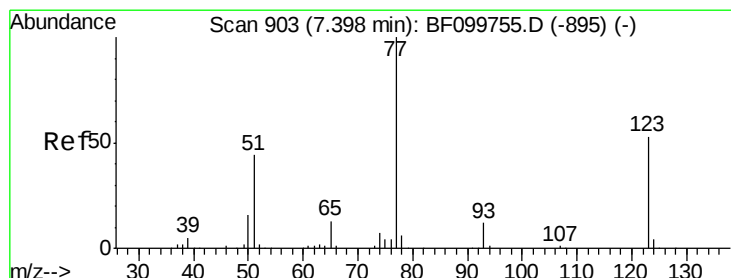
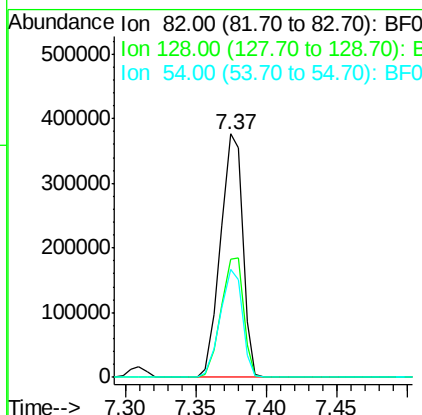
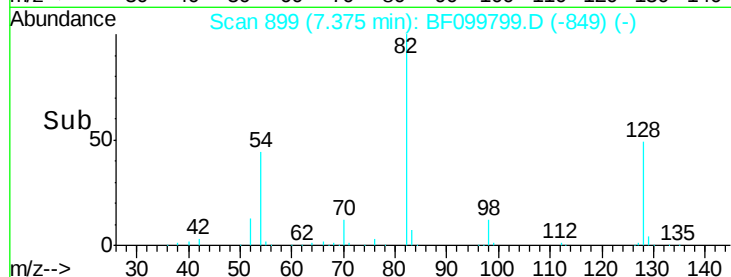
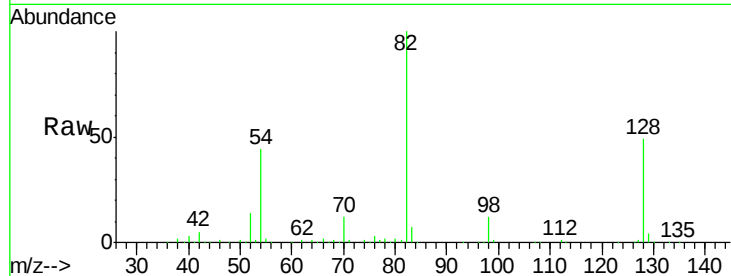




#23
Nitrobenzene-d5
Concen: 73.20 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

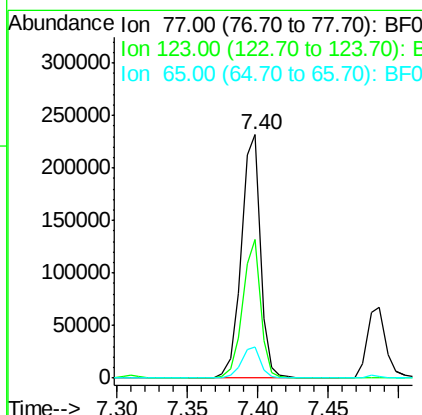
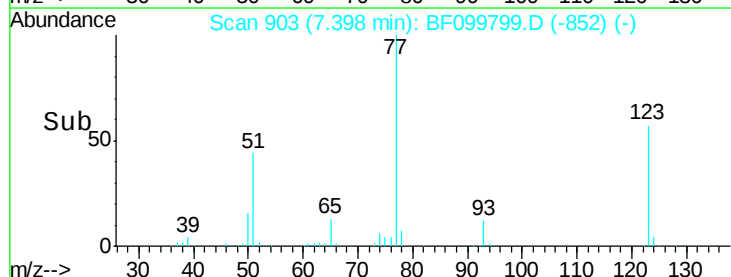
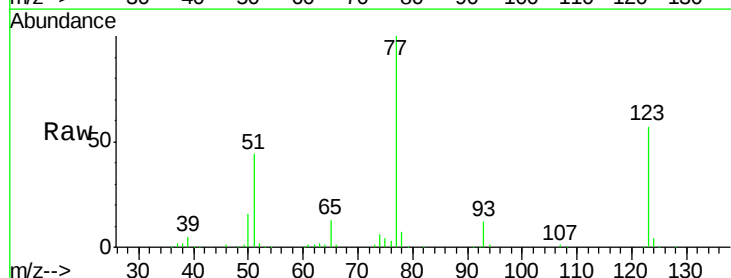
Instrument :
BNA_F
ClientSampleId :

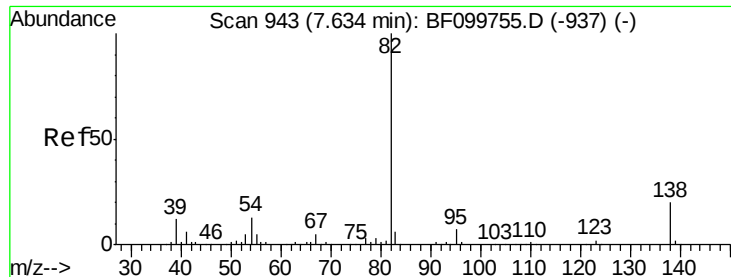
Tot Ion: 82 Resp: 412793
Ion Ratio Lower Upper
82 100
128 48.7 36.1 54.1
54 44.4 41.4 62.2



#24
Nitrobenzene
Concen: 38.80 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion: 77 Resp: 220473
Ion Ratio Lower Upper
77 100
123 56.9 37.9 56.9#
65 12.6 11.0 16.4





#25

Isophorone

Concen: 40.41 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

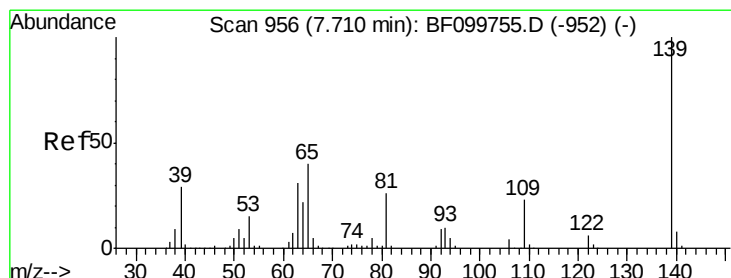
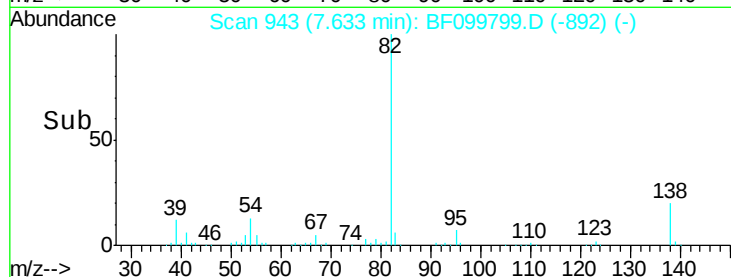
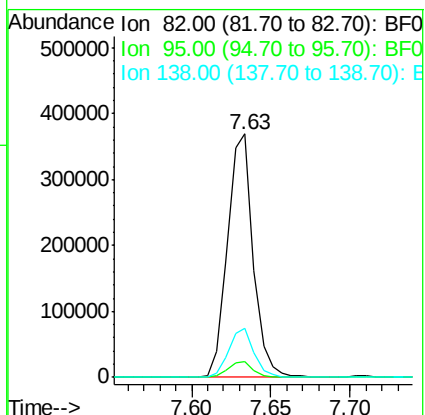
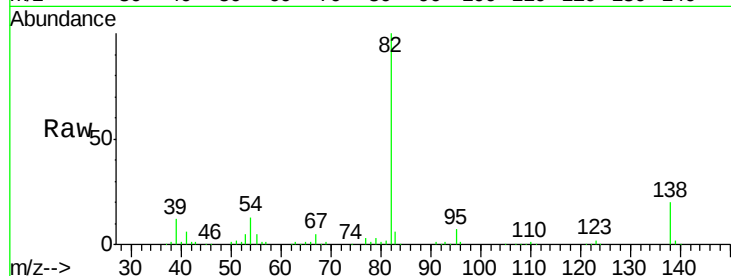
Tot Ion: 82 Resp: 413485

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 20.1 14.9 22.3



#26

2-Nitrophenol

Concen: 36.21 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

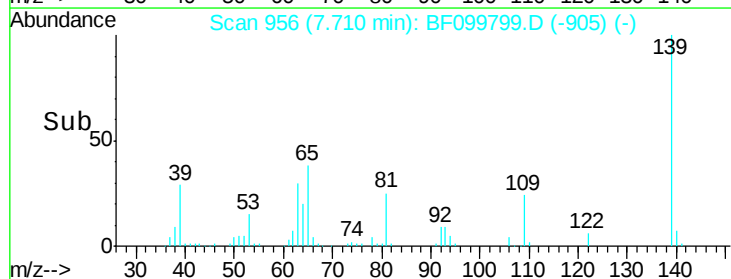
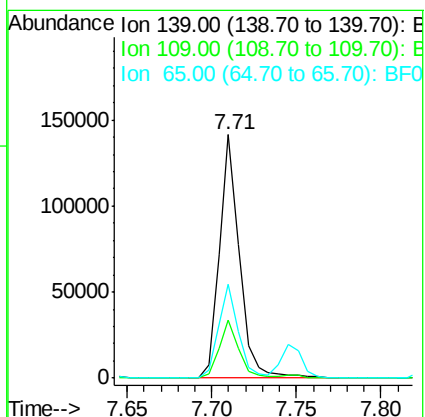
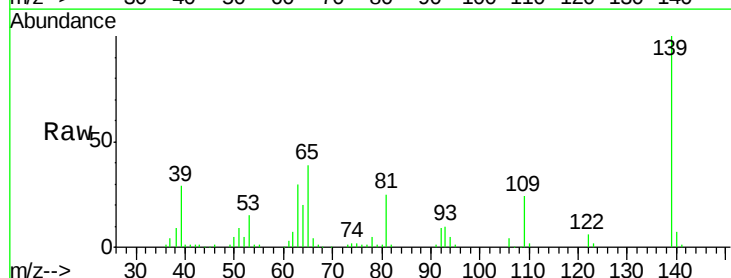
Tgt Ion: 139 Resp: 117849

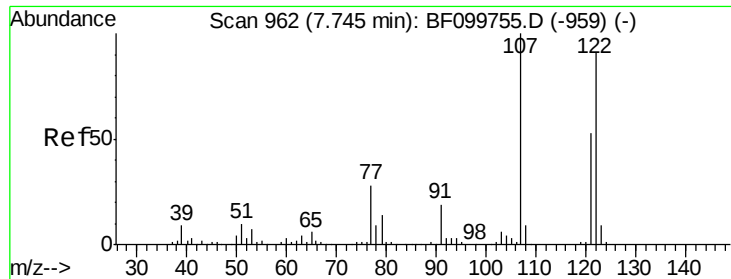
Ion Ratio Lower Upper

139 100

109 24.0 22.7 34.1

65 38.8 40.5 60.7#

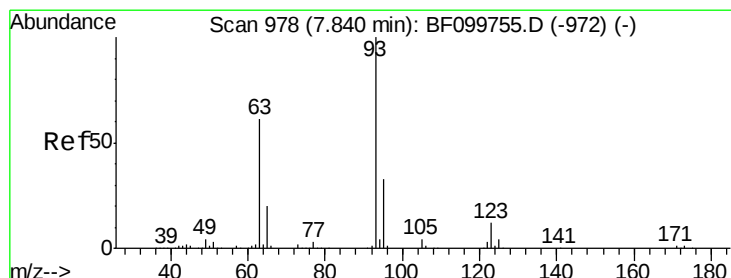
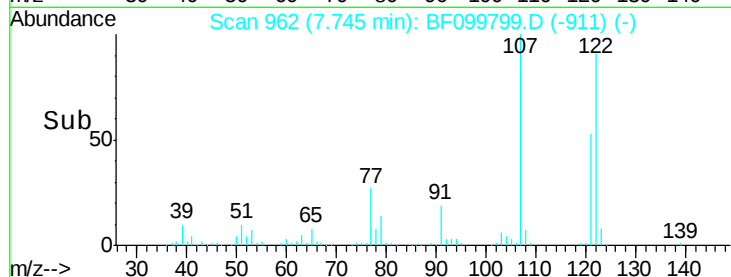
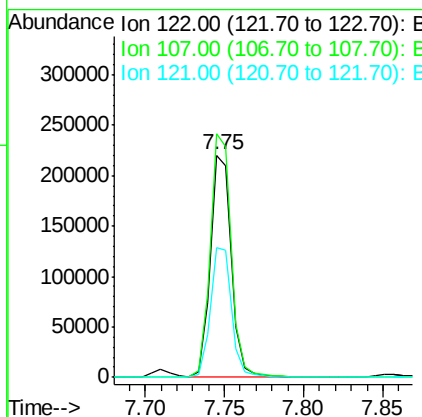
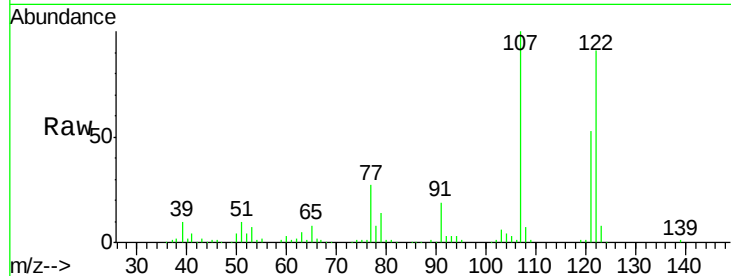




#27
2,4-Dimethylphenol
Concen: 42.48 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

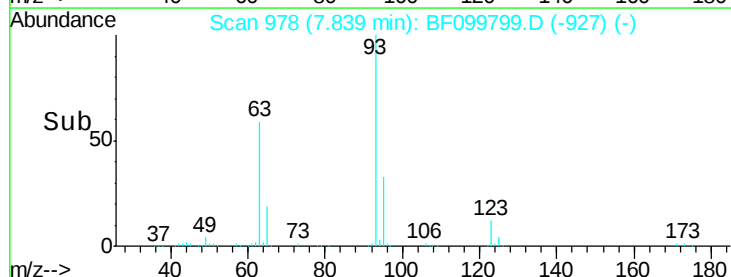
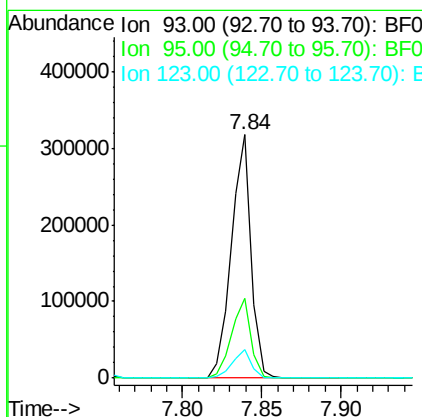
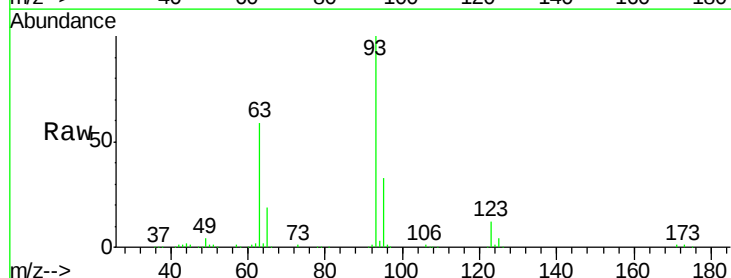
Instrument :
BNA_F
ClientSampleId :

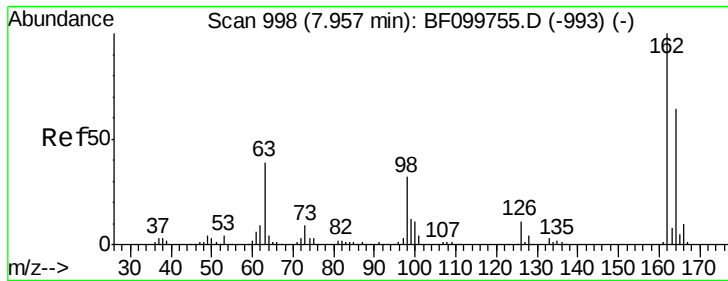
Tot Ion:122 Resp: 203698
Ion Ratio Lower Upper
122 100
107 109.5 91.2 136.8
121 58.2 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 38.24 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion: 93 Resp: 274075
Ion Ratio Lower Upper
93 100
95 32.6 26.3 39.5
123 11.9 9.8 14.6

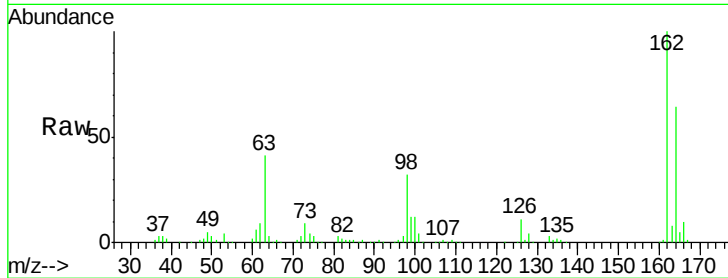




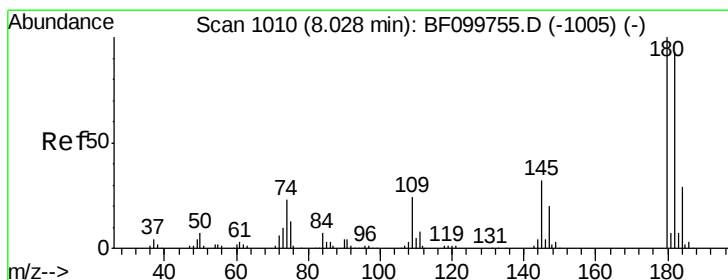
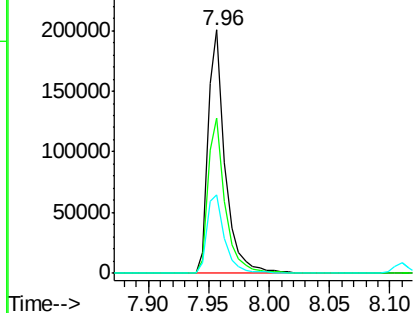
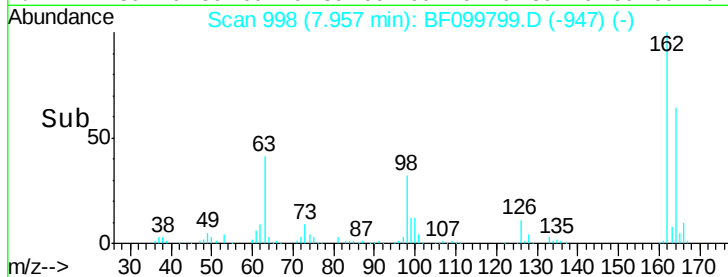
#29
2,4-Dichlorophenol
Concen: 39.11 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 194825
Ion Ratio Lower Upper
162 100
164 64.0 42.7 82.7
98 32.5 18.1 58.1

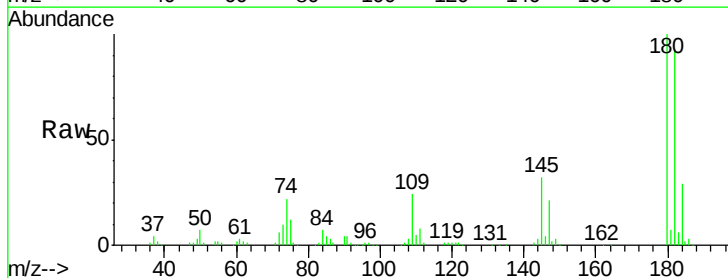


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

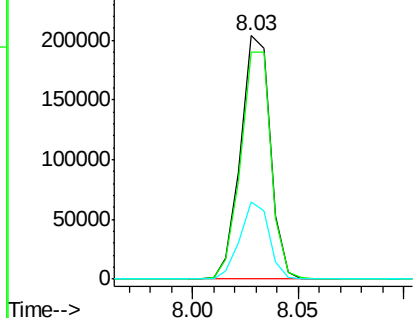
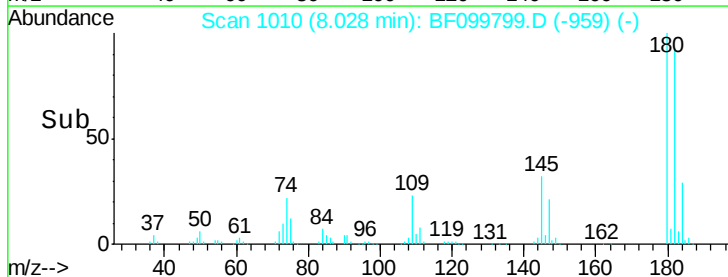


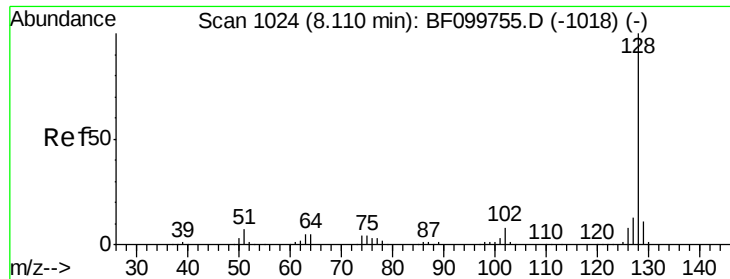
#30
1,2,4-Trichlorobenzene
Concen: 37.43 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:180 Resp: 199229
Ion Ratio Lower Upper
180 100
182 93.0 76.8 115.2
145 32.0 26.5 39.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

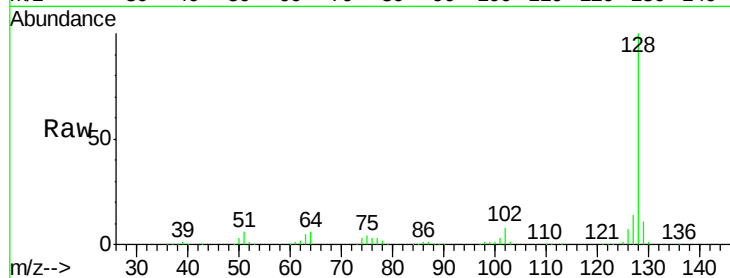




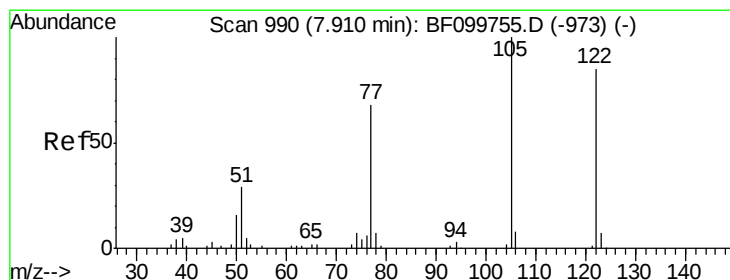
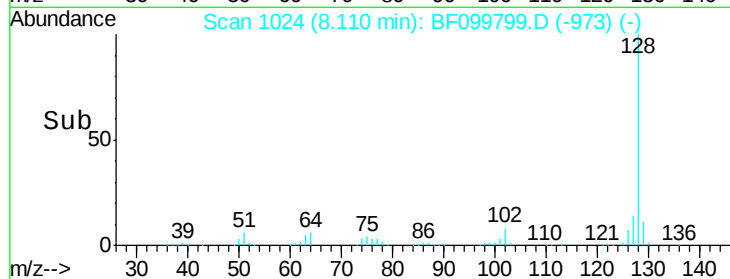
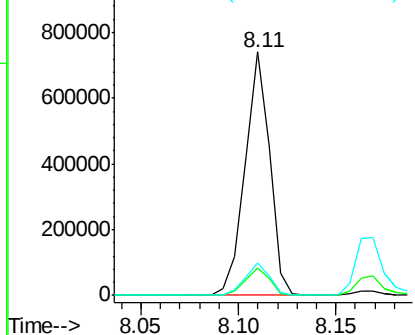
#31
Naphthalene
Concen: 37.05 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 649384
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.5 10.9 16.3

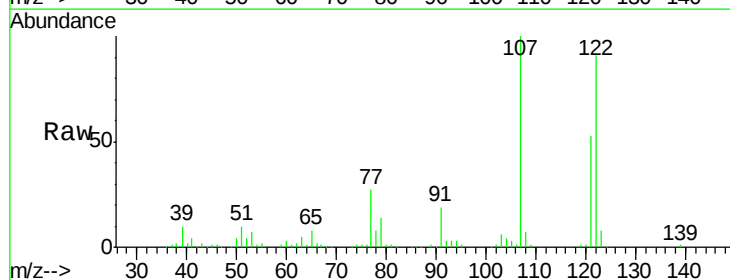


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

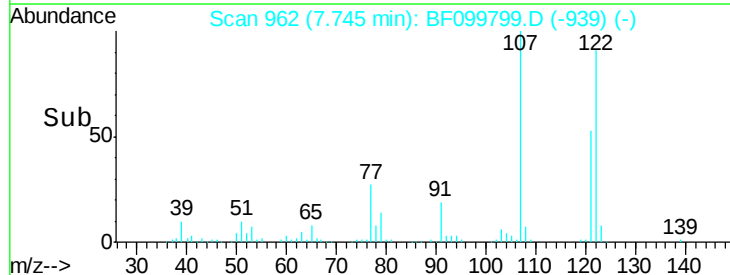
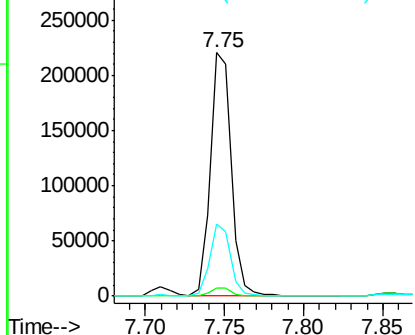


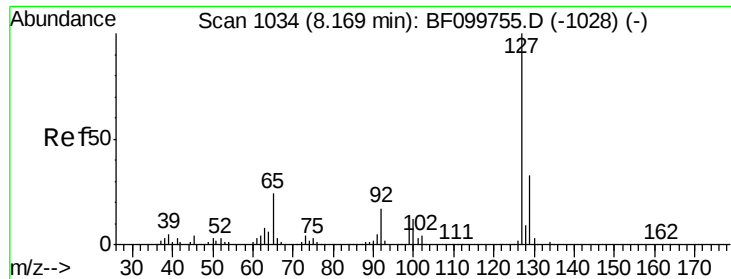
#32
Benzoic acid
Concen: 48.26 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.16 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:122 Resp: 203698
Ion Ratio Lower Upper
122 100
105 3.5 101.1 141.1#
77 29.6 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

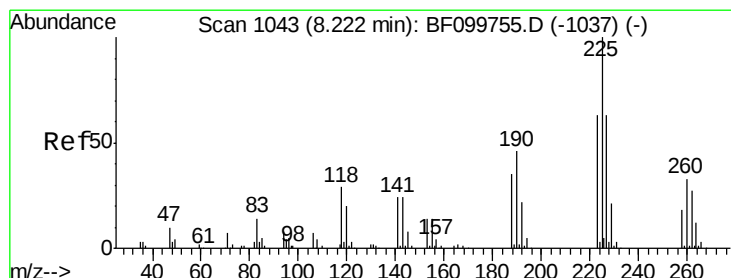
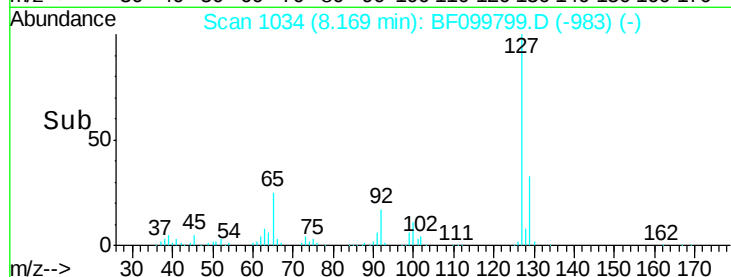
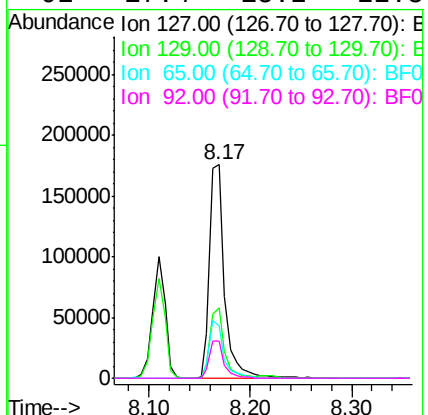
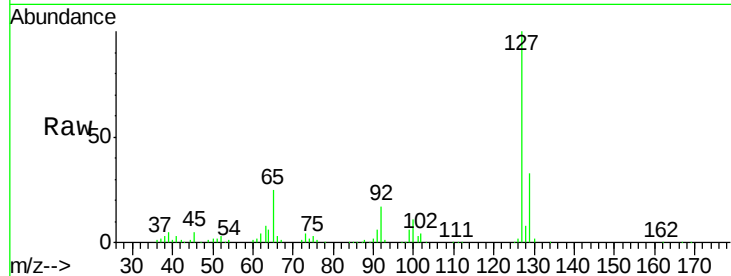




#33
4-Chloroaniline
Concen: 25.27 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

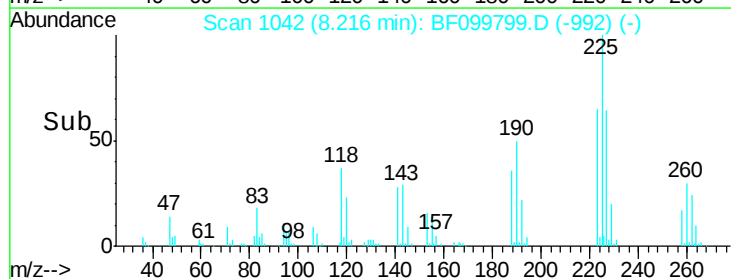
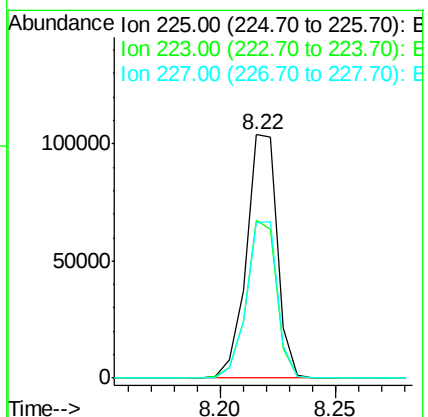
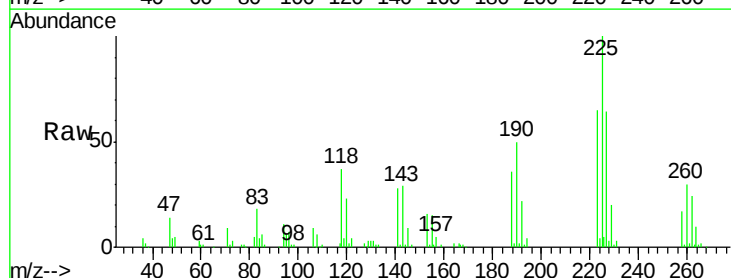
Instrument :
BNA_F
ClientSampled :

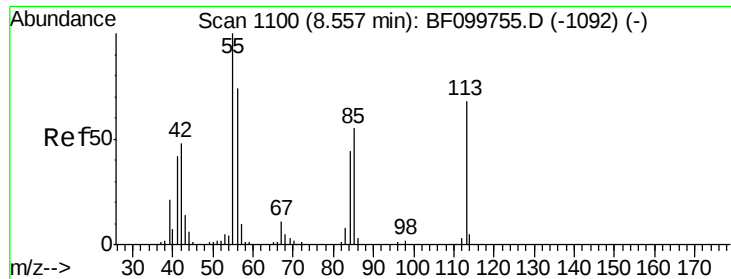
Tot Ion:	127	Resp:	182897
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.9	38.9
65	24.7	25.0	37.4
92	17.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 35.52 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:	225	Resp:	97254
Ion	Ratio	Lower	Upper
225	100		
223	64.7	50.6	76.0
227	63.6	51.9	77.9





#35

Caprolactam

Concen: 35.55 ng

RT: 8.54 min Scan# 1097

Delta R.T. -0.02 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

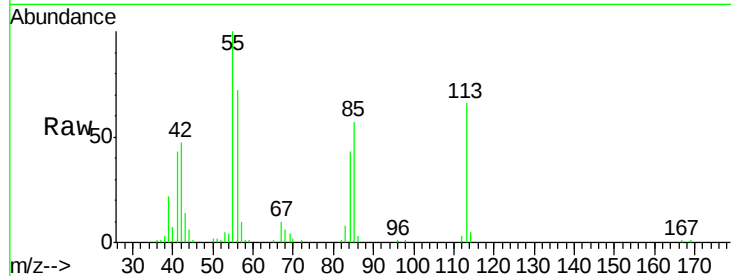
Tot Ion:113 Resp: 55695

Ion Ratio Lower Upper

113 100

55 152.6 163.3 203.3#

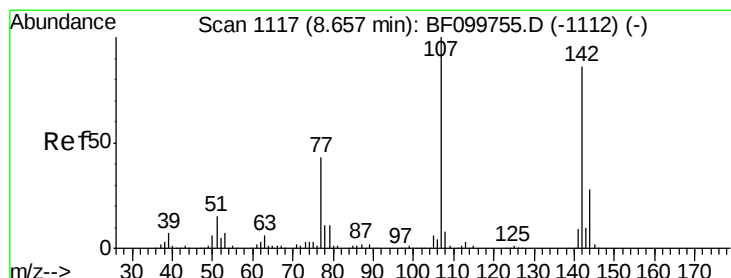
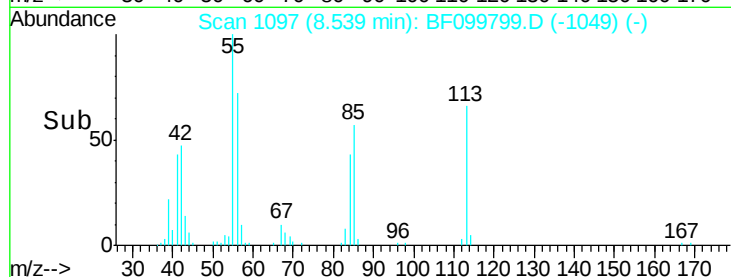
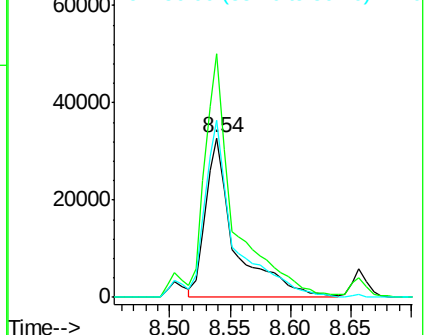
56 110.6 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.08 ng

RT: 8.66 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

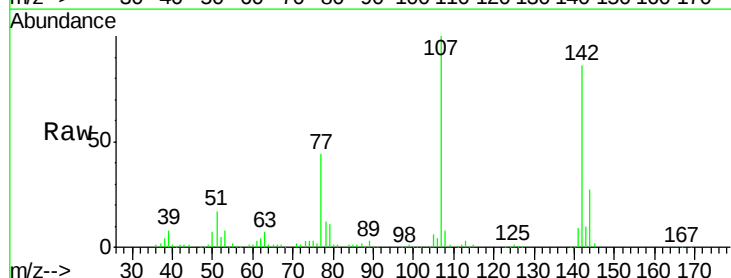
Tgt Ion:107 Resp: 188533

Ion Ratio Lower Upper

107 100

144 26.9 20.5 30.7

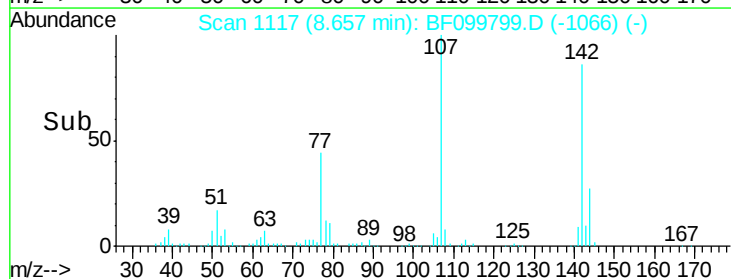
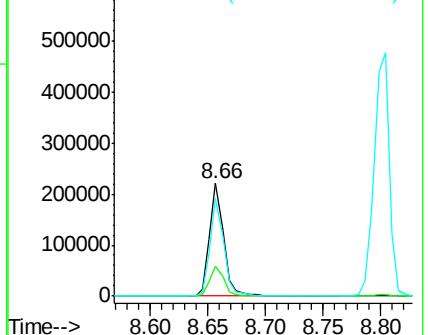
142 86.5 62.0 93.0

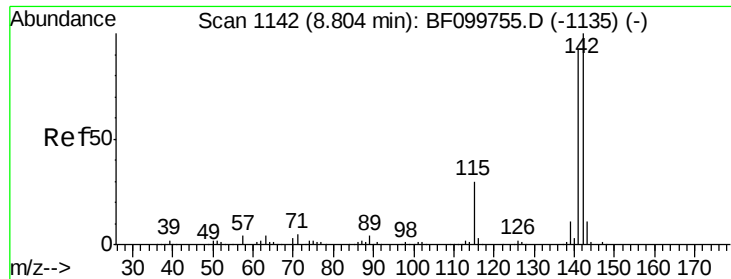


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

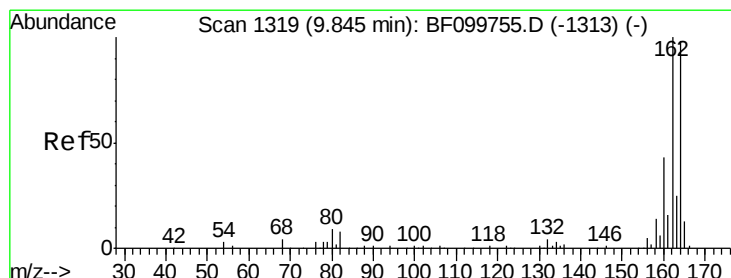
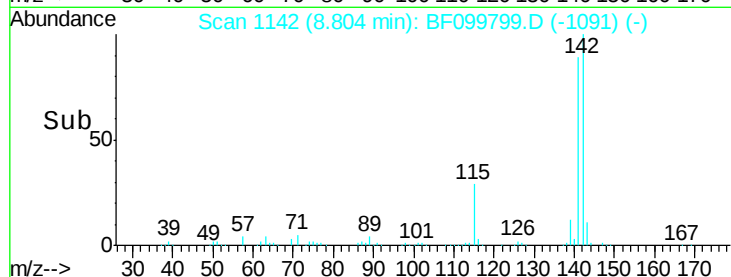
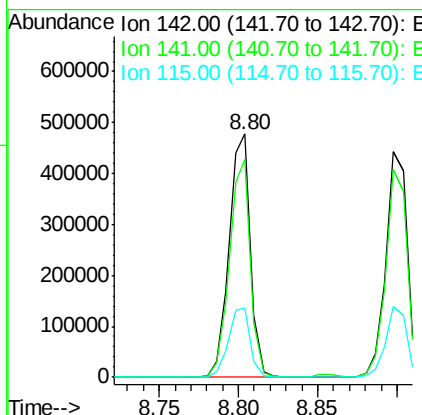
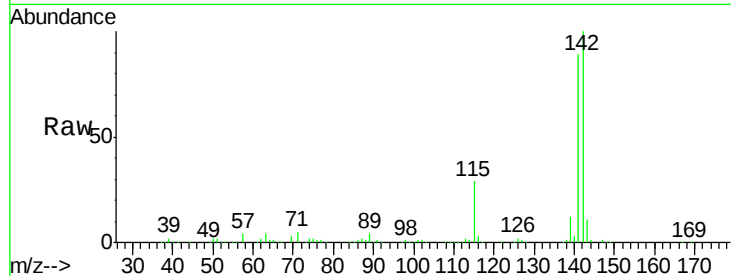




#37
2-Methylnaphthalene
Concen: 37.75 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

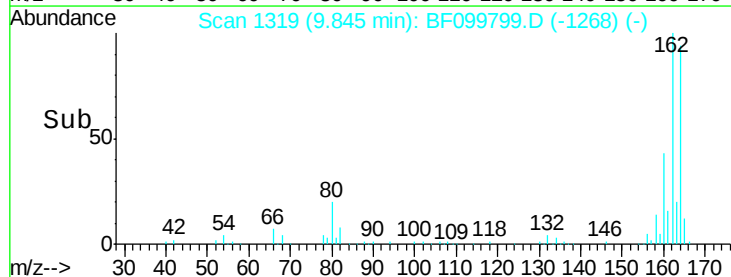
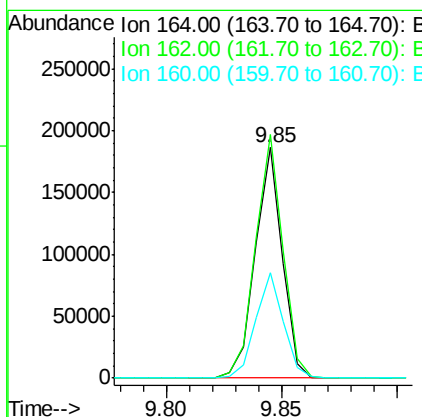
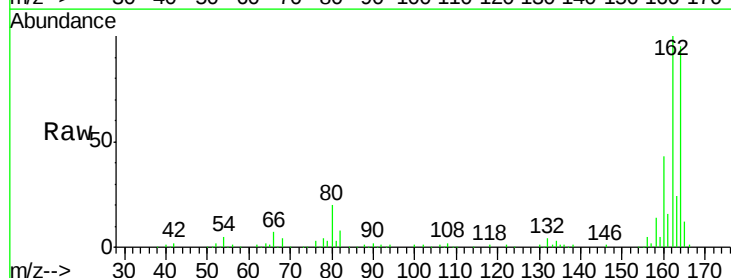
Instrument :
BNA_F
ClientSampleId :

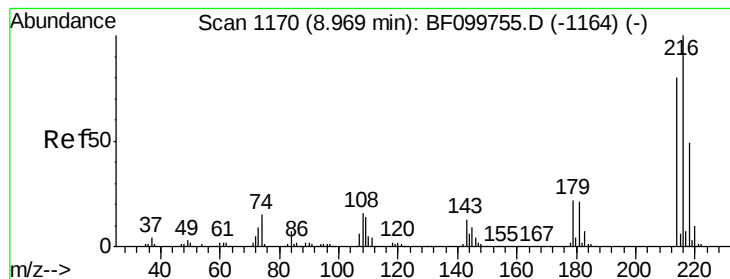
Tot Ion:142 Resp: 443369
Ion Ratio Lower Upper
142 100
141 89.4 70.8 106.2
115 28.6 26.1 39.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:164 Resp: 152333
Ion Ratio Lower Upper
164 100
162 105.7 86.1 129.1
160 45.6 38.3 57.5

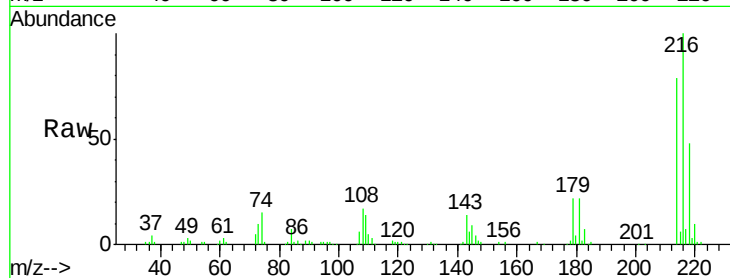




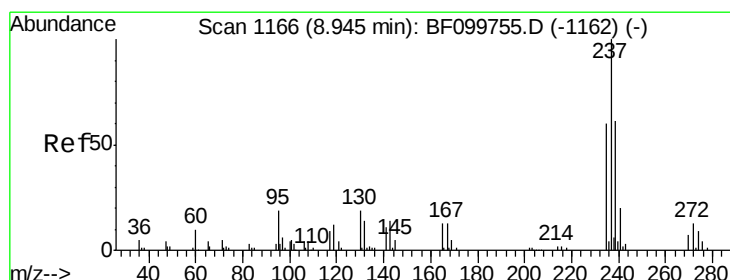
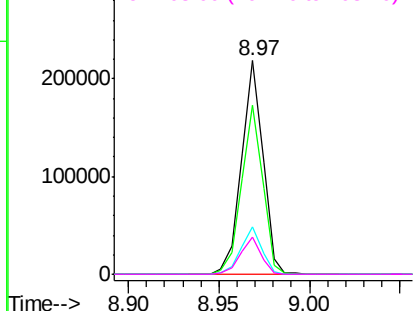
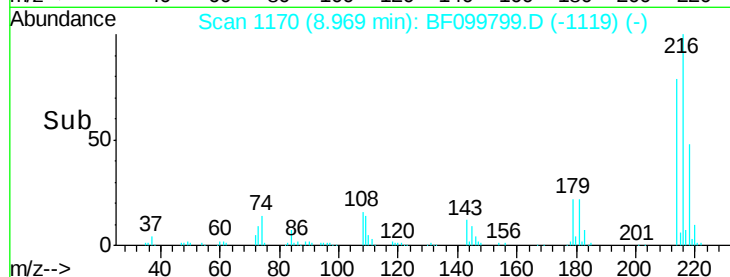
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.50 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	179566
Ion Ratio	Lower	Upper
216	100	
214	78.3	63.0 94.4
179	21.7	18.1 27.1
108	17.0	17.2 25.8

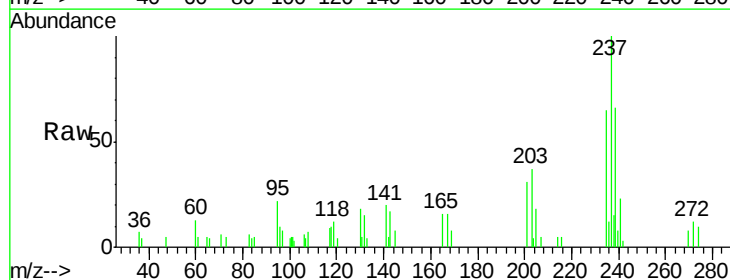


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

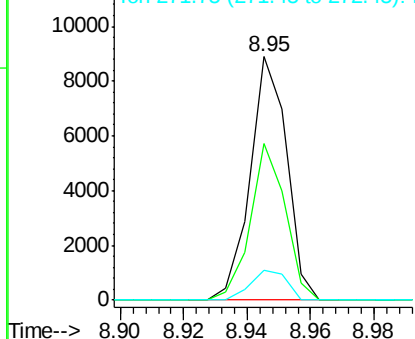
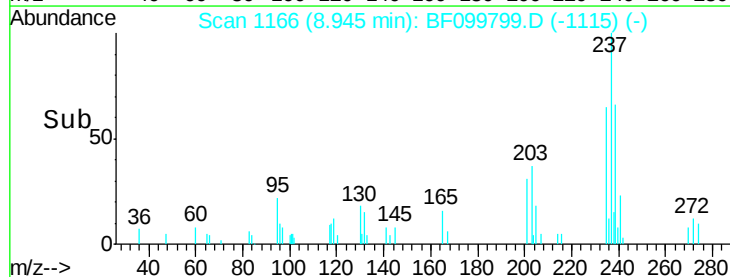


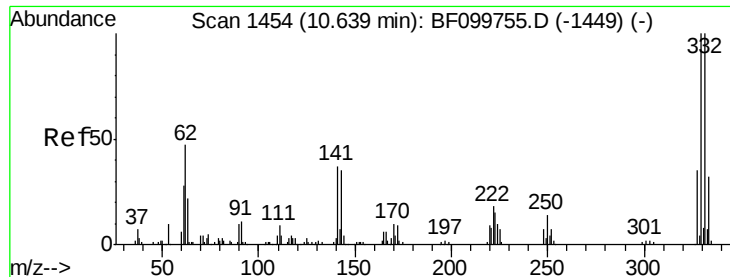
#40
 Hexachlorocyclopentadiene
 Concen: 18.26 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. 0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion:237	Resp:	7084
Ion Ratio	Lower	Upper
237	100	
235	64.5	44.8 84.8
272	12.5	0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

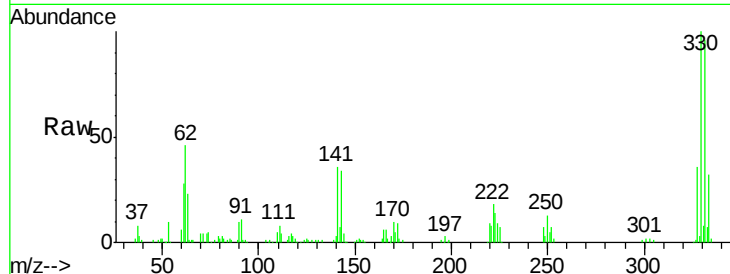




#41
 2,4,6-Tribromophenol
 Concen: 90.94 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	35.3	29.9	44.9

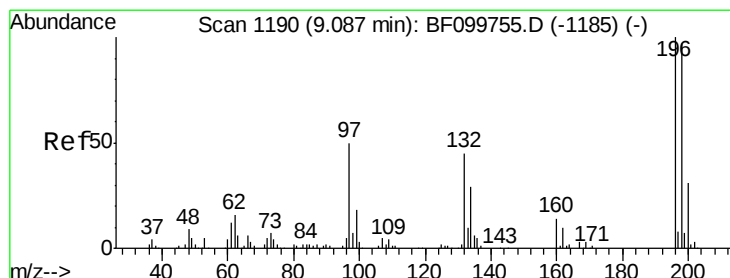
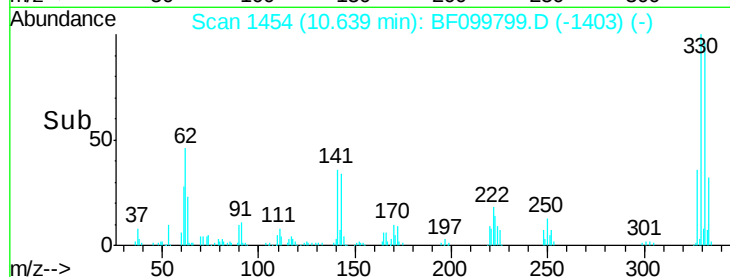
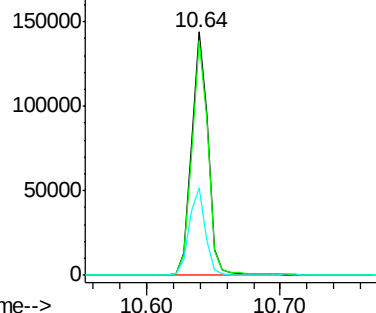


Abundance

Ion 329.80 (329.50 to 330.50): E

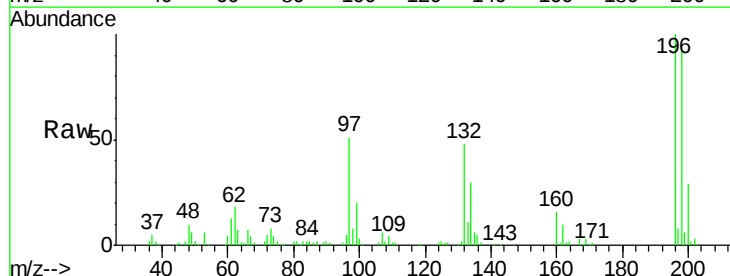
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 40.39 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
200	28.8	24.5	36.7

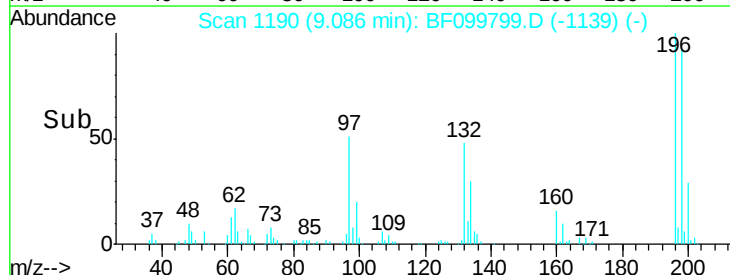
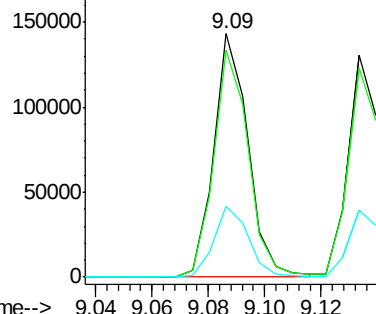


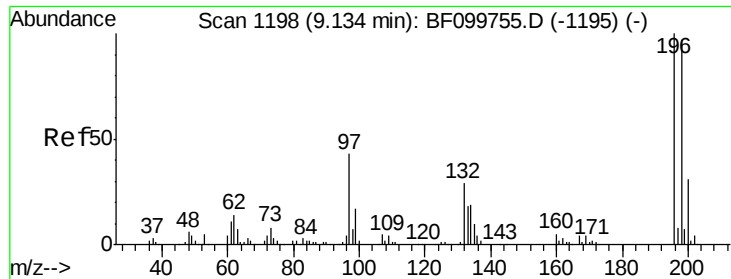
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

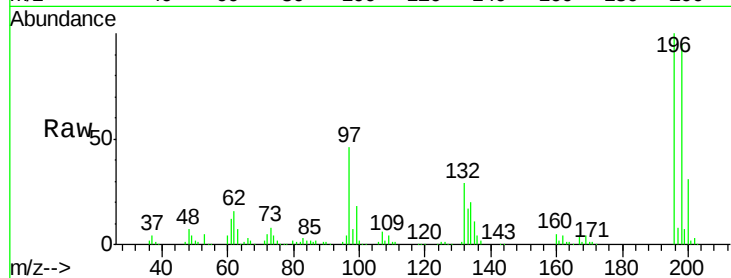




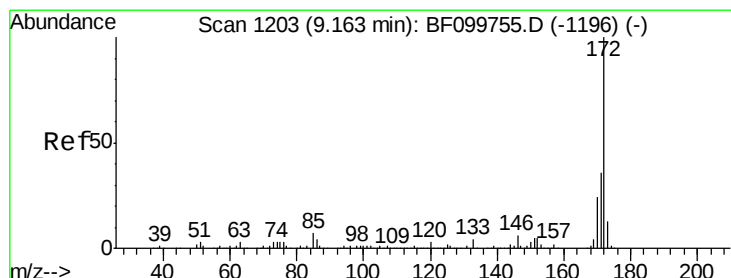
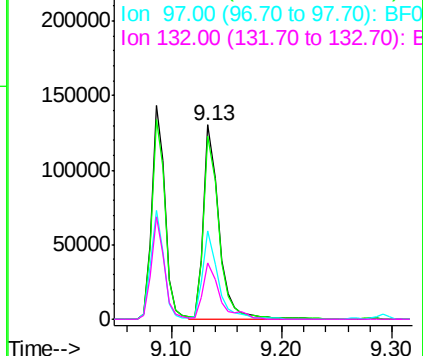
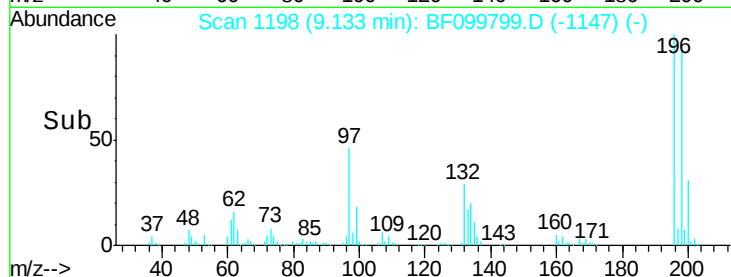
#43
 2,4,5-Trichlorophenol
 Concen: 38.54 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	196	Resp:	121714
Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.6	112.0
97	45.8	42.9	64.3
132	29.2	26.3	39.5

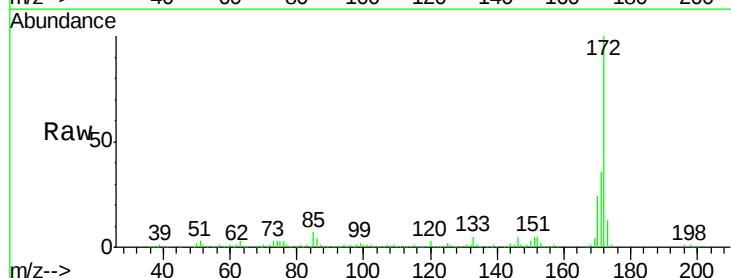


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

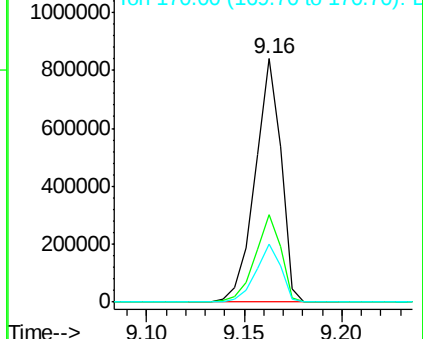
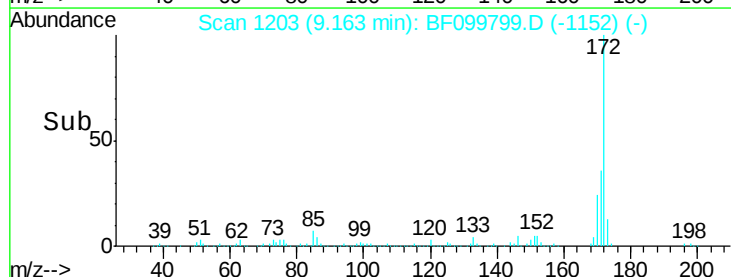


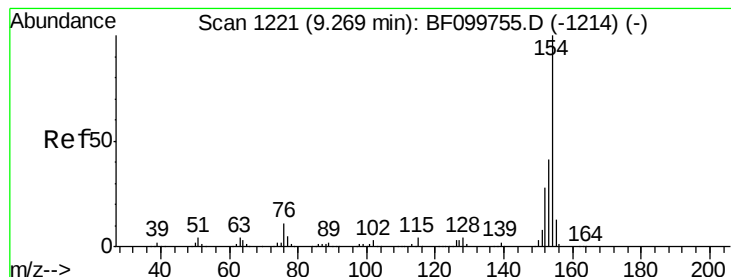
#44
 2-Fluorobiphenyl
 Concen: 77.91 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion:	172	Resp:	769218
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.6	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 36.78 ng

RT: 9.26 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

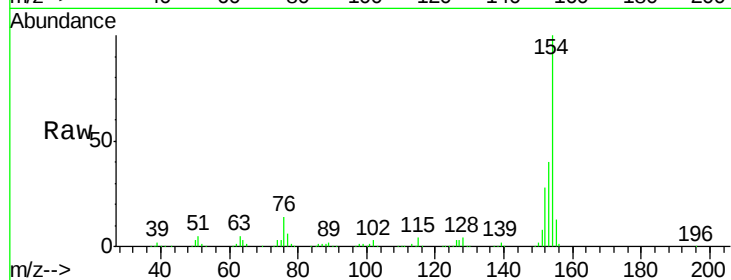
Tot Ion:154 Resp: 506814

Ion Ratio Lower Upper

154 100

153 40.1 21.3 61.3

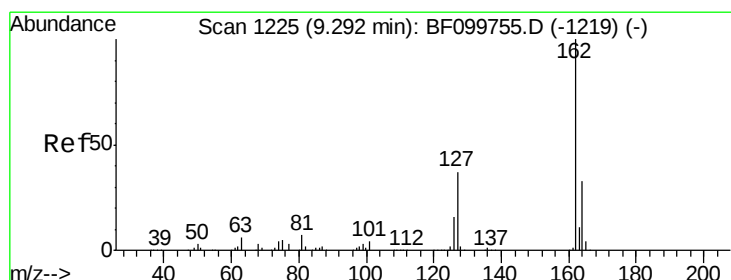
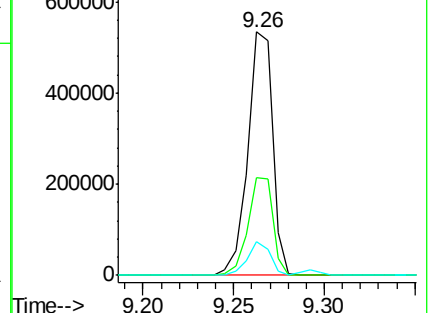
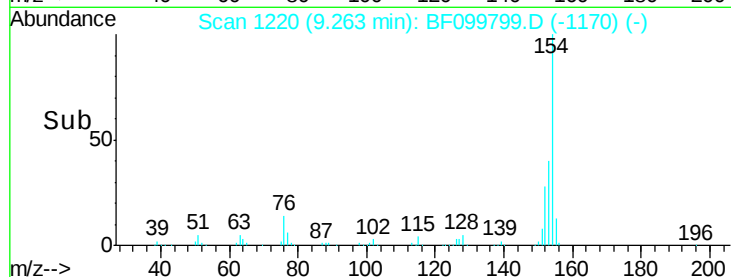
76 13.7 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 39.38 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

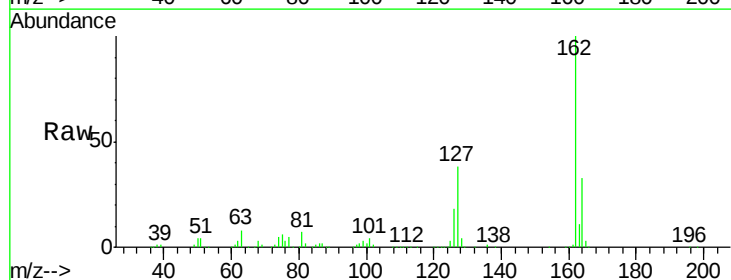
Tgt Ion:162 Resp: 394130

Ion Ratio Lower Upper

162 100

127 38.4 33.9 50.9

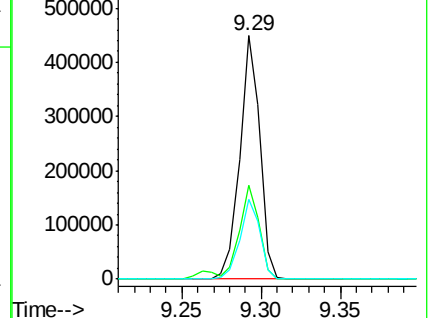
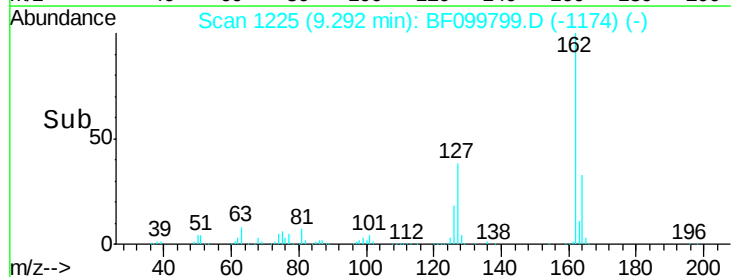
164 32.7 26.5 39.7

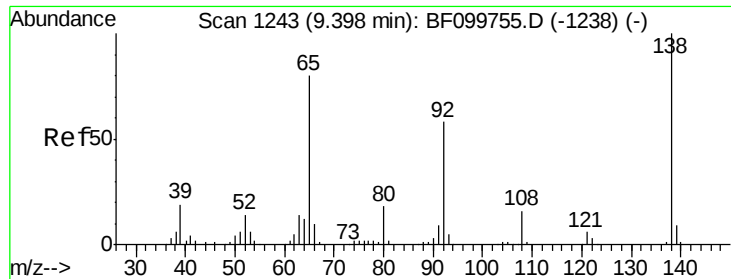


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

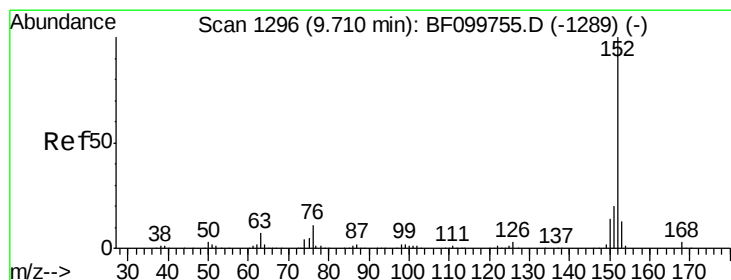
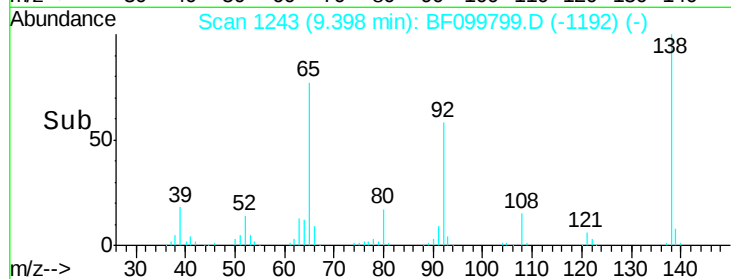
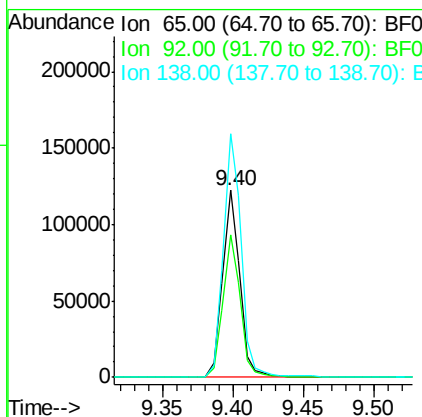
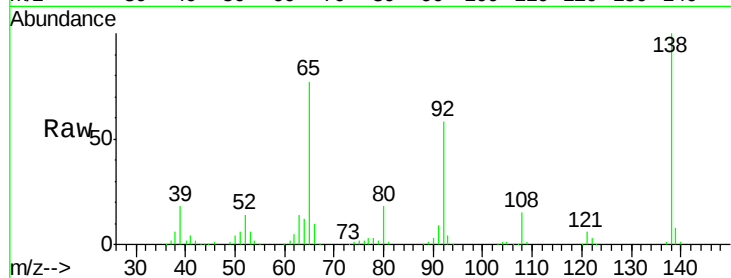




#47
 2-Nitroaniline
 Concen: 39.73 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

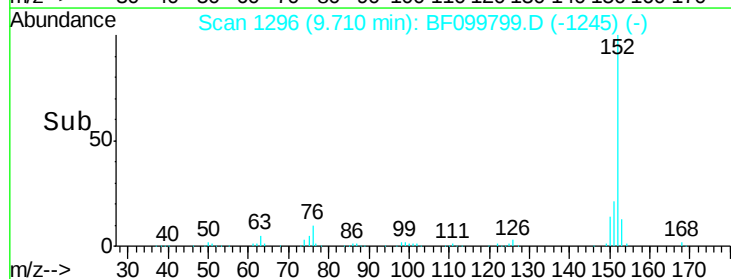
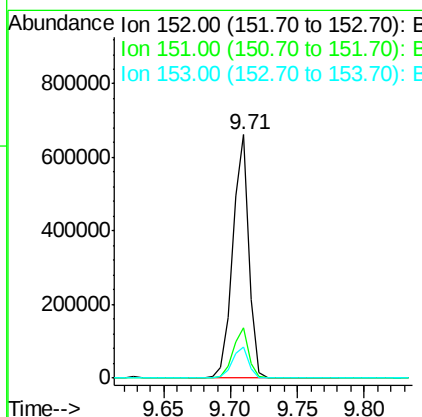
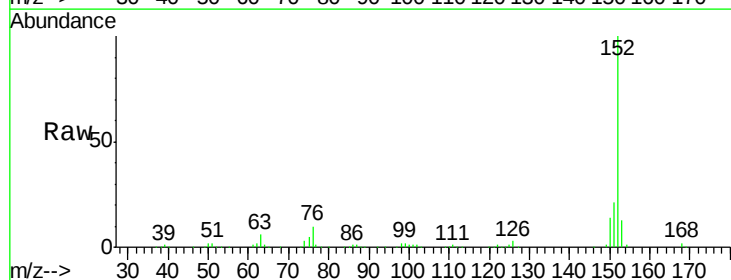
Instrument :
 BNA_F
 ClientSampleId :

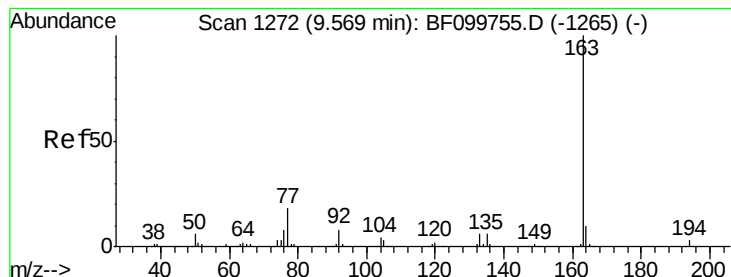
Tot Ion: 65 Resp: 104353
 Ion Ratio Lower Upper
 65 100
 92 75.9 55.8 83.6
 138 130.1 91.2 136.8



#48
 Acenaphthylene
 Concen: 36.44 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion: 152 Resp: 561730
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.3 24.5
 153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 39.95 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

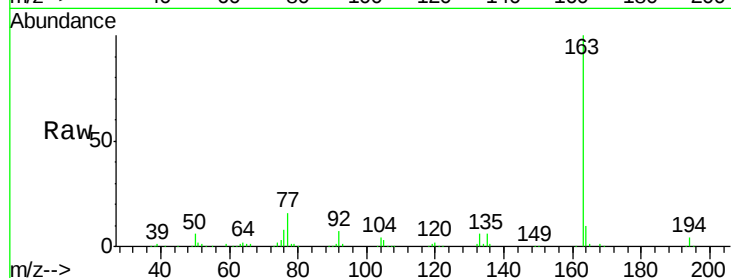
Tot Ion:163 Resp: 481975

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

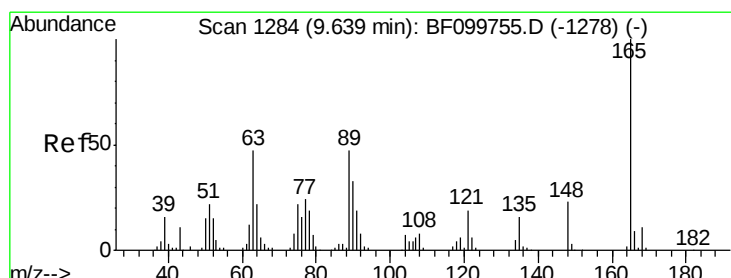
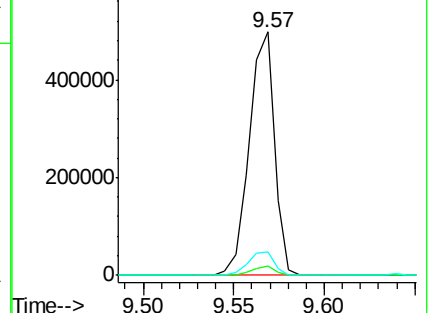
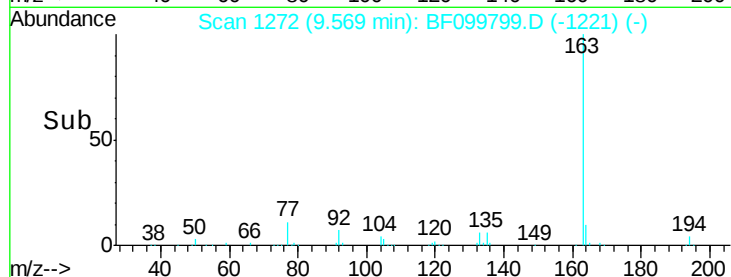
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.90 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

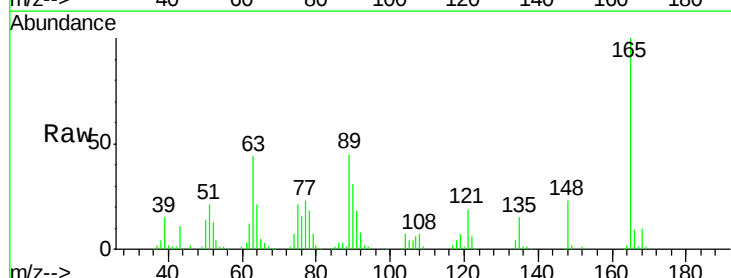
Tgt Ion:165 Resp: 96112

Ion Ratio Lower Upper

165 100

63 44.4 44.7 67.1#

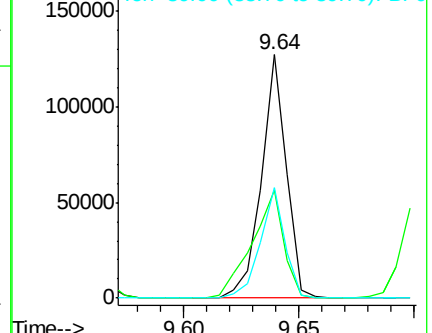
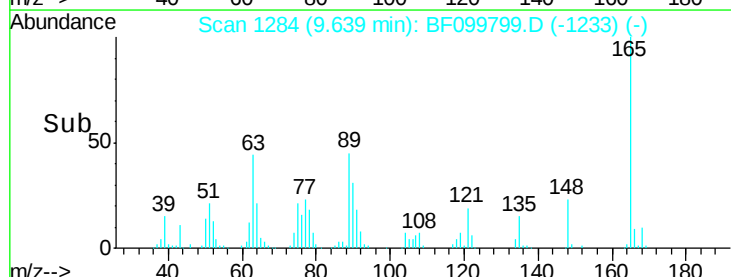
89 45.3 44.0 66.0

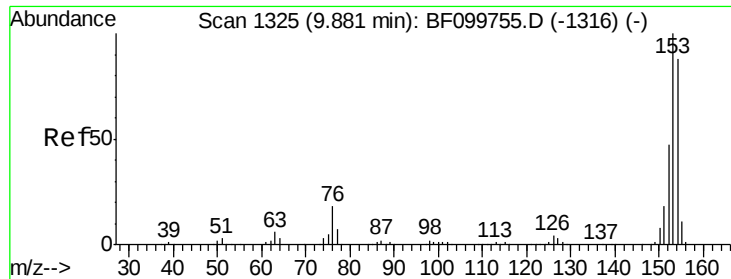


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 35.48 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

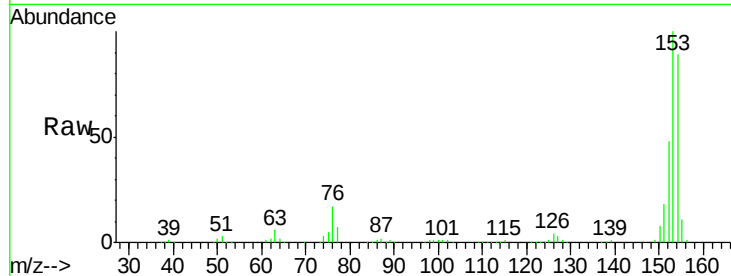
Tot Ion:154 Resp: 334148

Ion Ratio Lower Upper

154 100

153 112.7 91.2 136.8

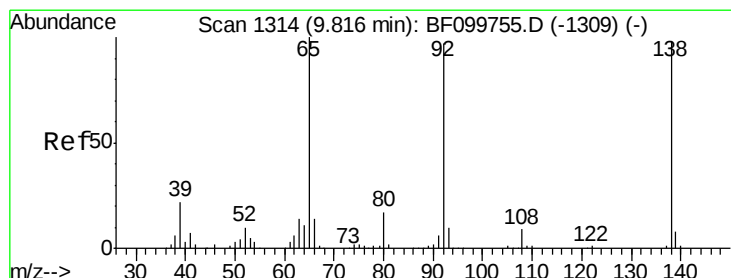
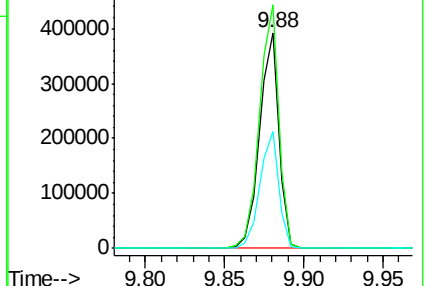
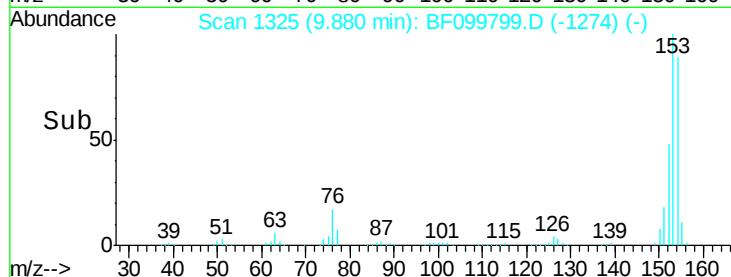
152 53.9 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.57 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

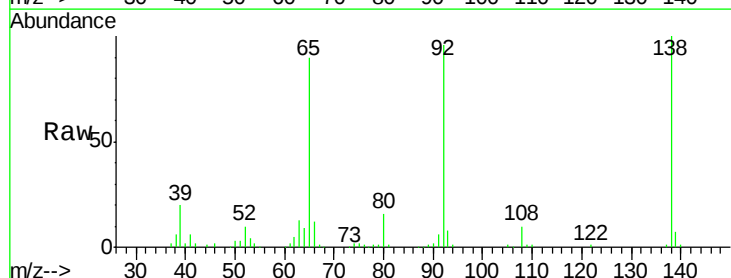
Tgt Ion:138 Resp: 94351

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

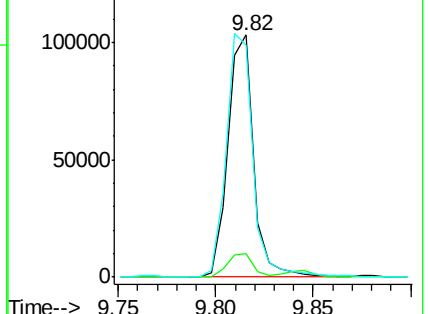
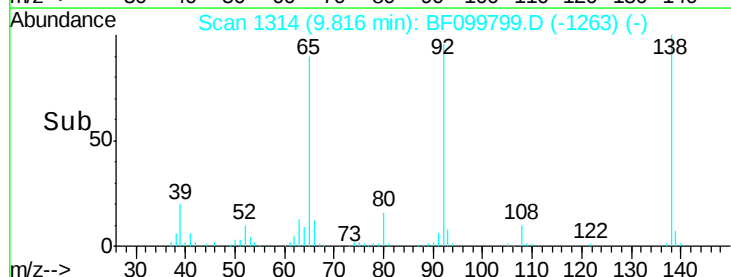
92 96.0 89.4 134.2

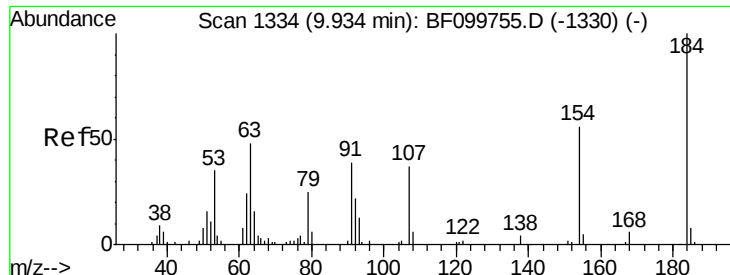


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

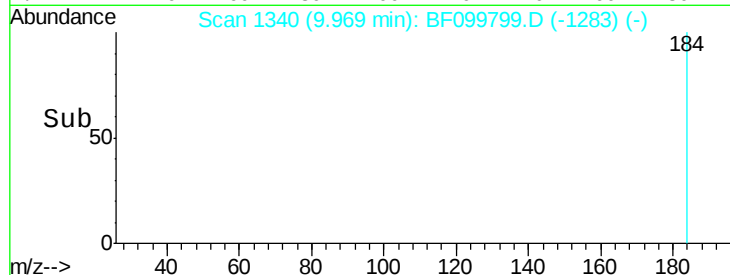
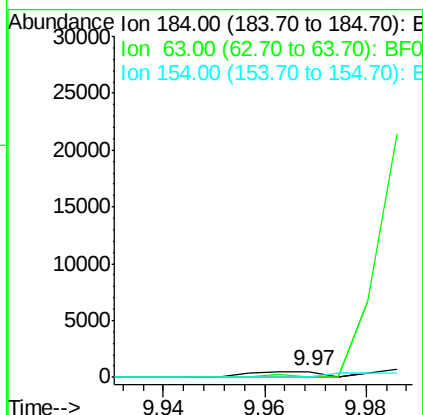
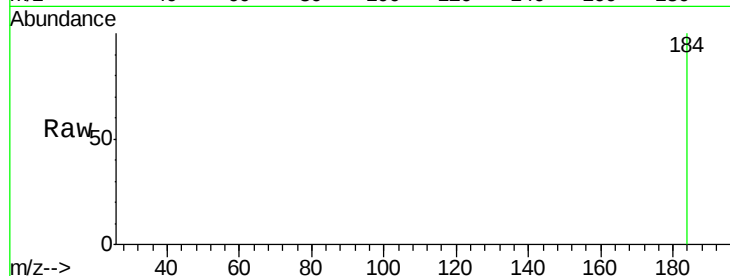




#53
 2,4-Dinitrophenol
 Concen: 6.20 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.04 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

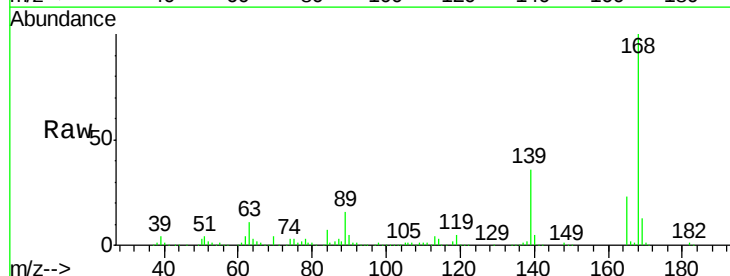
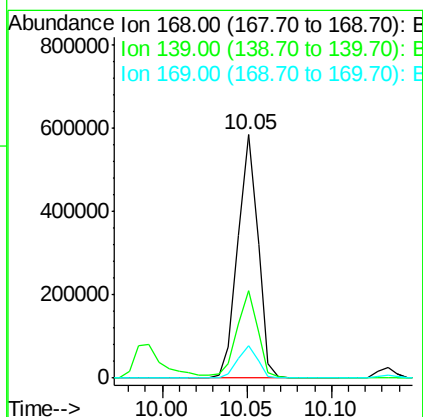
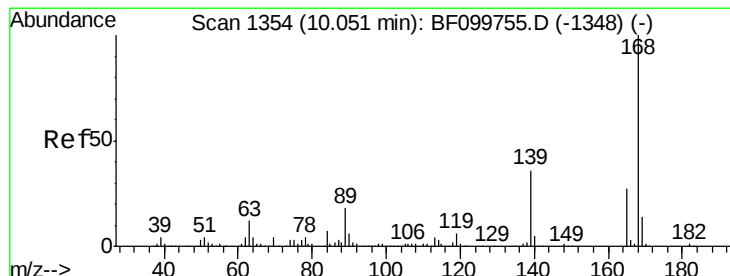
Instrument :
 BNA_F
 ClientSampled :

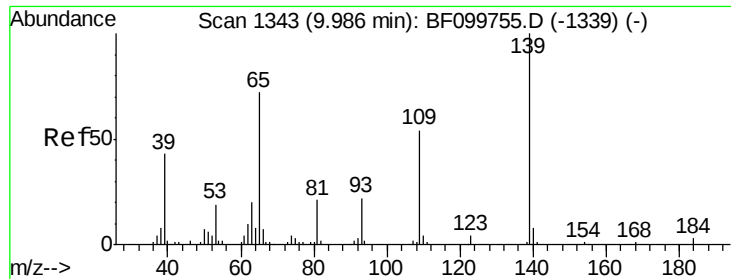
Tot Ion:184 Resp: 478
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 0.0 53.5 80.3#



#54
 Dibenzofuran
 Concen: 36.42 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion:168 Resp: 484165
 Ion Ratio Lower Upper
 168 100
 139 36.0 30.1 45.1
 169 13.3 10.9 16.3

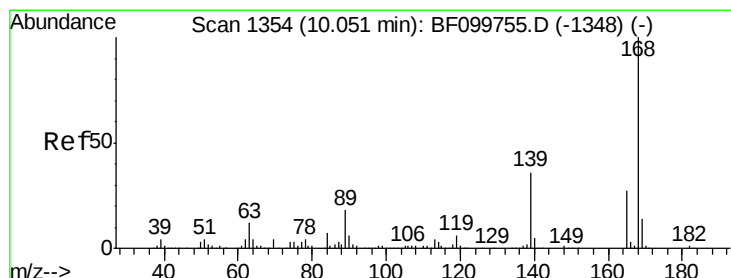
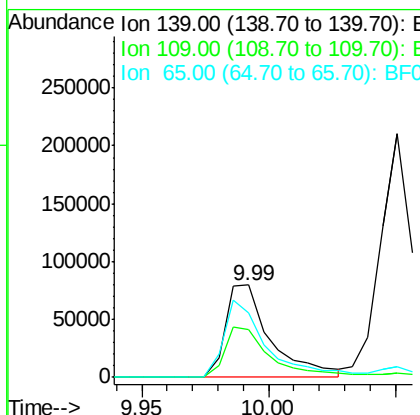
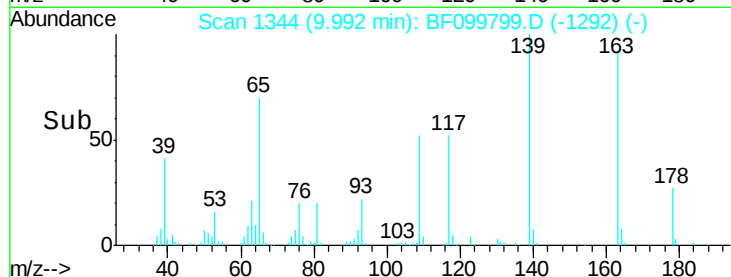
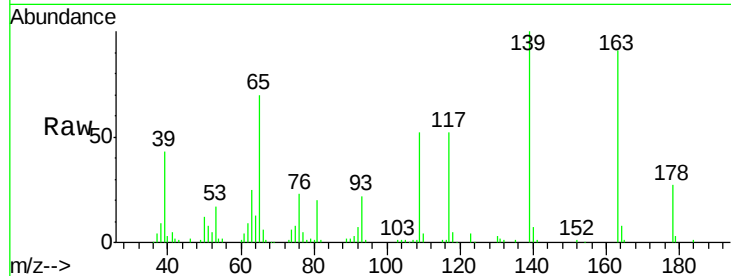




#55
4-Nitrophenol
Concen: 63.46 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

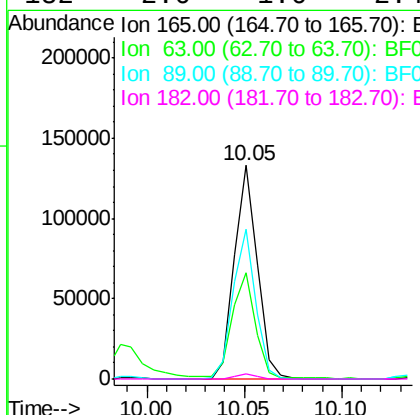
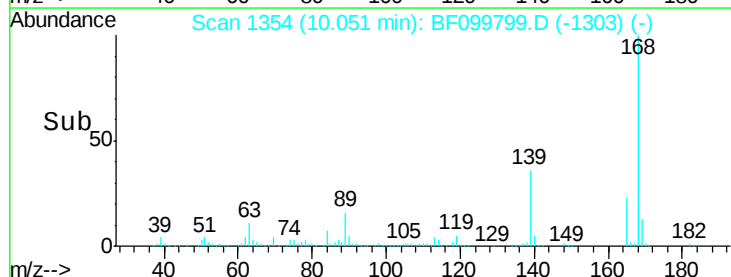
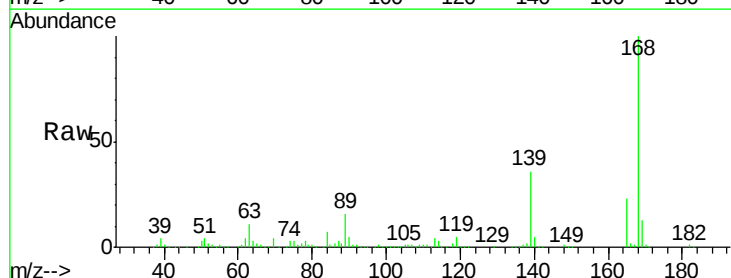
Instrument :
BNA_F
ClientSampleId :

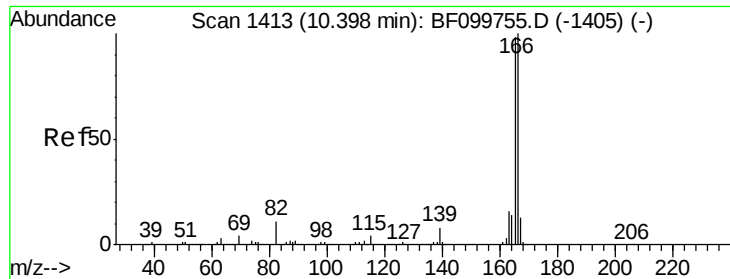
Tot Ion:139 Resp: 99089
Ion Ratio Lower Upper
139 100
109 51.5 48.4 88.4
65 69.9 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 35.55 ng
RT: 10.05 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:165 Resp: 108568
Ion Ratio Lower Upper
165 100
63 49.8 36.4 54.6
89 70.4 57.8 86.6
182 2.6 1.6 2.4#





#57

Fluorene

Concen: 34.83 ng

RT: 10.40 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

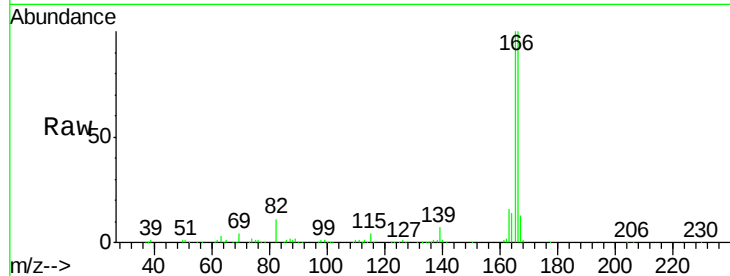
Tot Ion:166 Resp: 383451

Ion Ratio Lower Upper

166 100

165 99.5 79.8 119.8

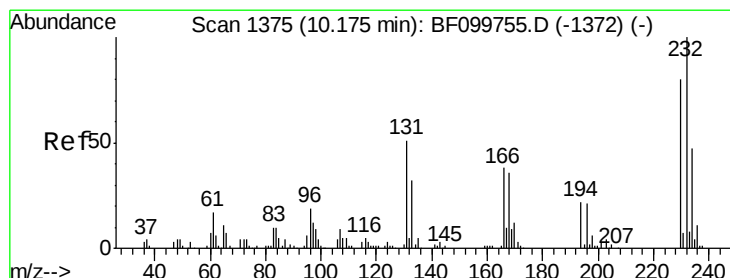
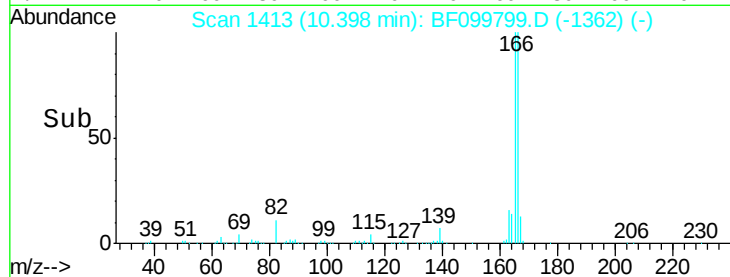
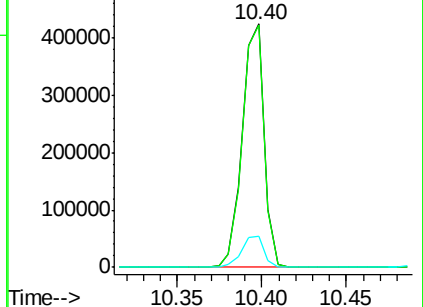
167 12.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 35.31 ng

RT: 10.17 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Tgt Ion:232 Resp: 78192

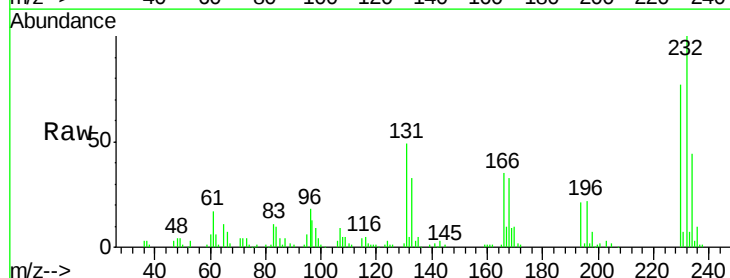
Ion Ratio Lower Upper

232 100

131 47.6 43.8 65.8

130 2.1 2.1 3.1

166 35.7 27.8 41.6

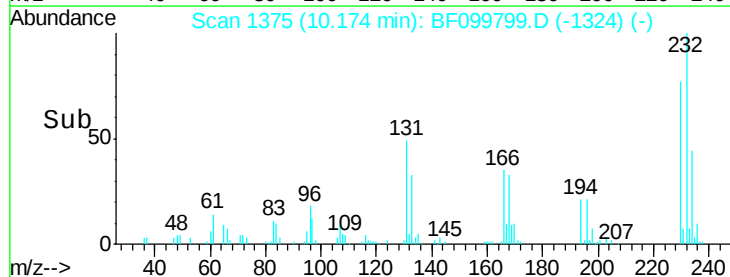
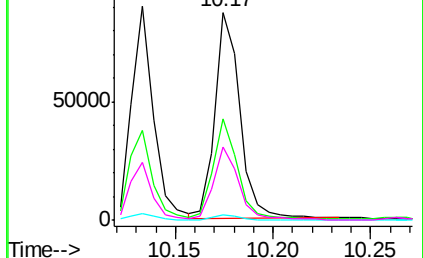


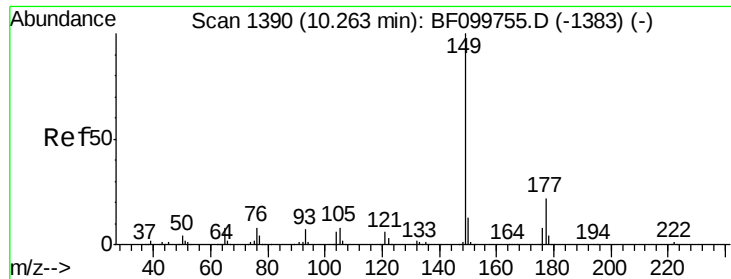
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

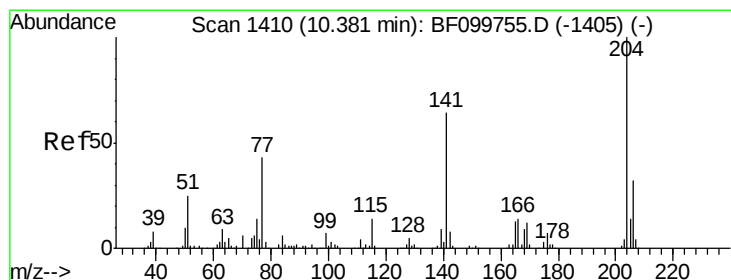
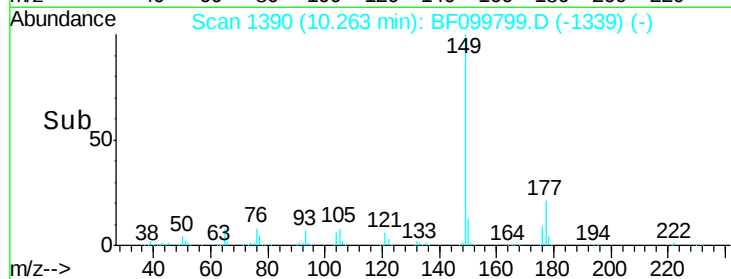
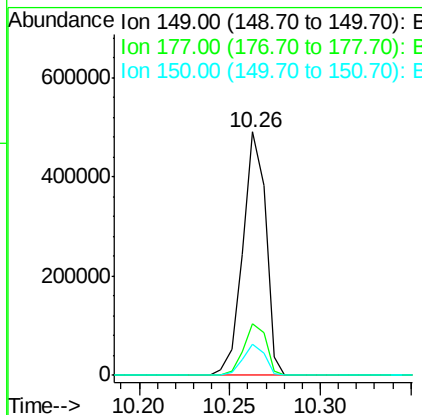
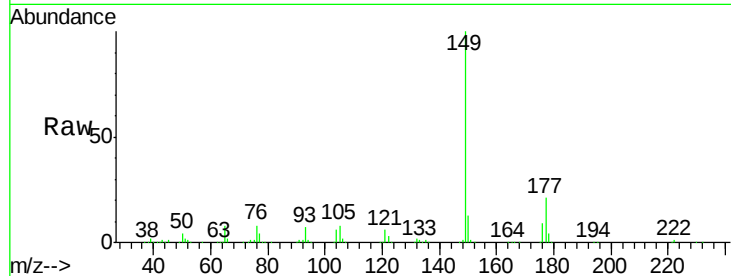




#59
Diethylphthalate
Concen: 36.71 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

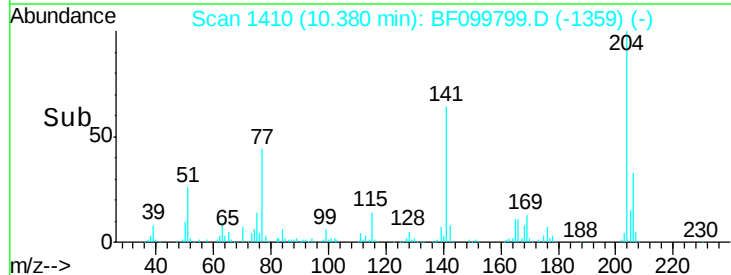
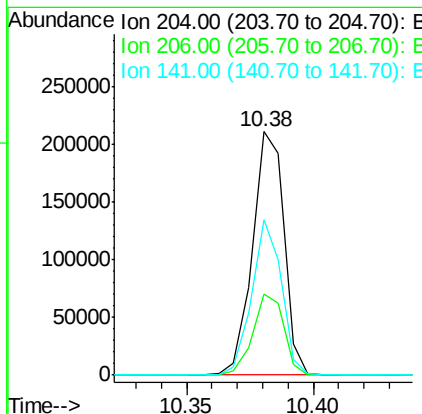
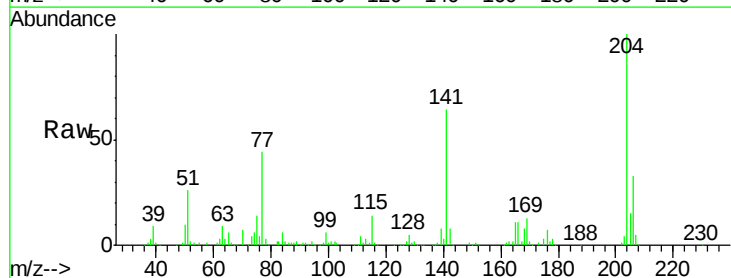
Instrument :
BNA_F
ClientSampleId :

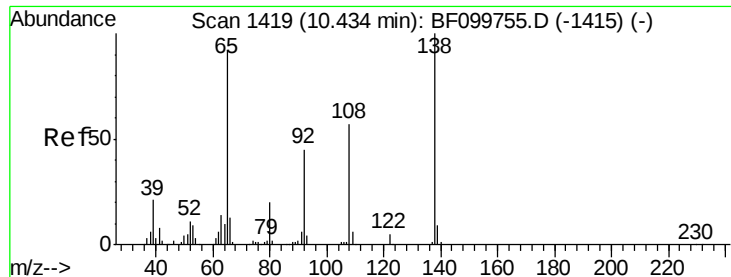
Tot Ion:149 Resp: 432477
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 35.25 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:204 Resp: 182608
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 63.7 54.6 81.8

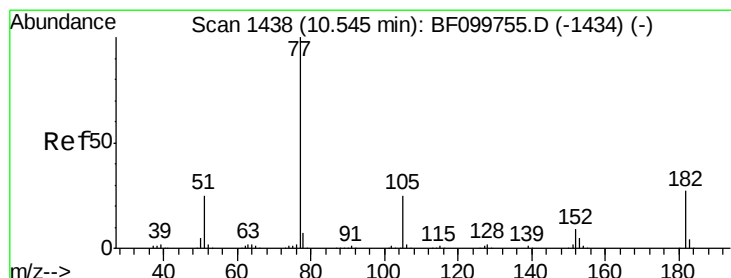
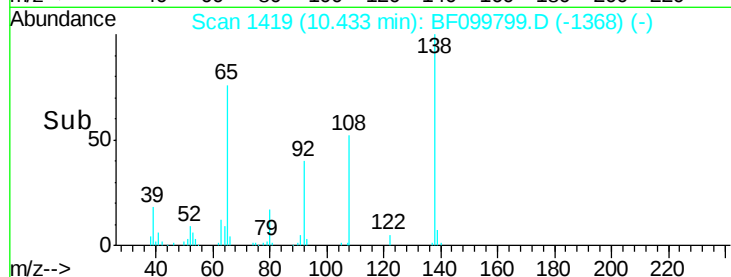
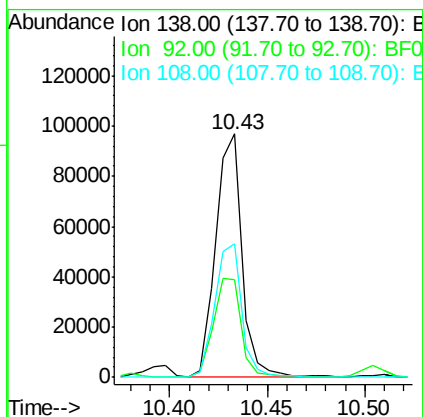
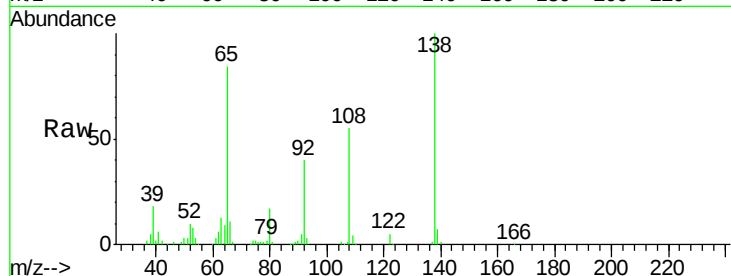




#61
4-Nitroaniline
Concen: 31.86 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

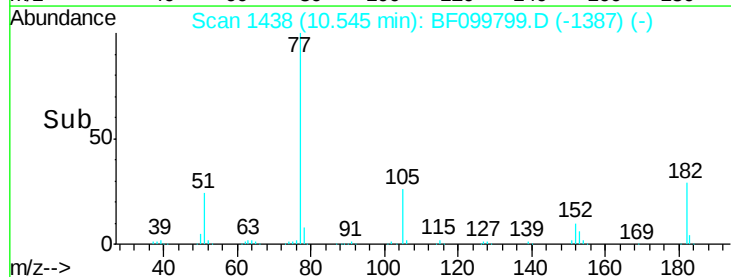
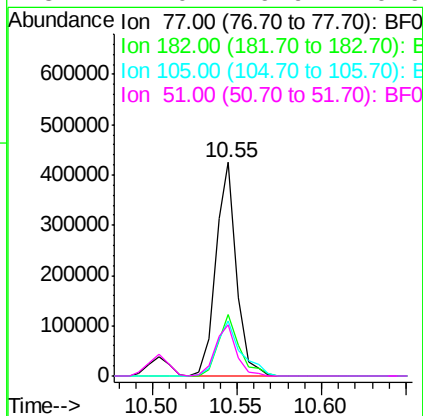
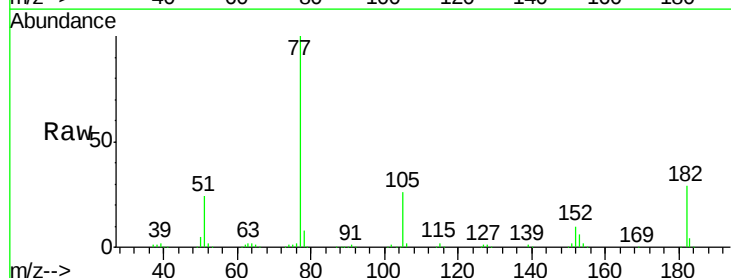
Instrument :
BNA_F
ClientSampled :

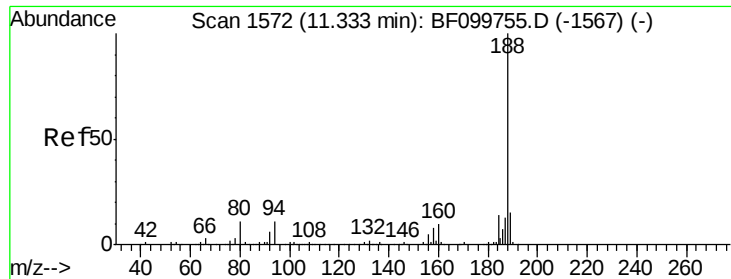
Tot Ion:138 Resp: 90841
Ion Ratio Lower Upper
138 100
92 40.4 30.2 70.2
108 54.8 52.5 92.5



#62
Azobenzene
Concen: 36.64 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion: 77 Resp: 361799
Ion Ratio Lower Upper
77 100
182 29.0 1.7 41.7
105 26.0 3.0 43.0
51 24.0 9.9 49.9

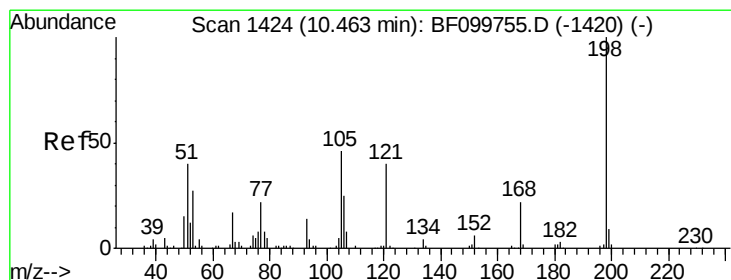
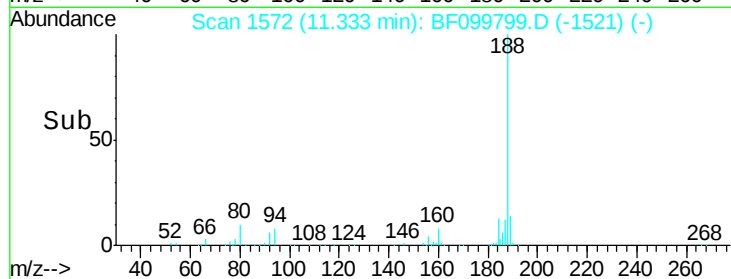
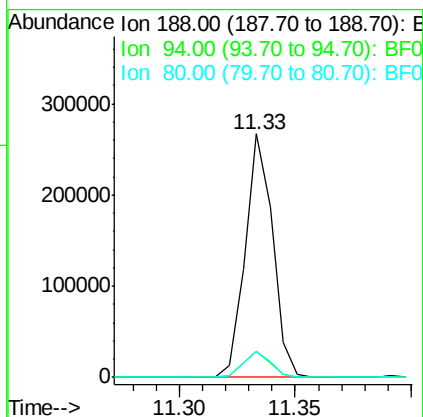
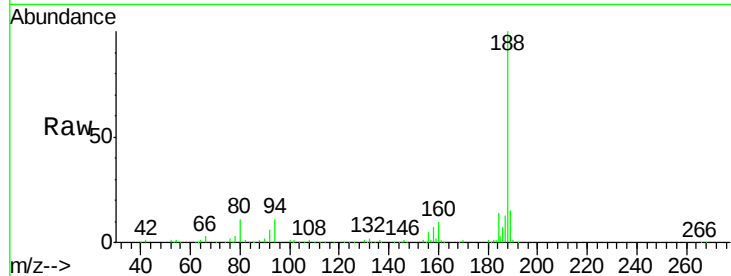




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

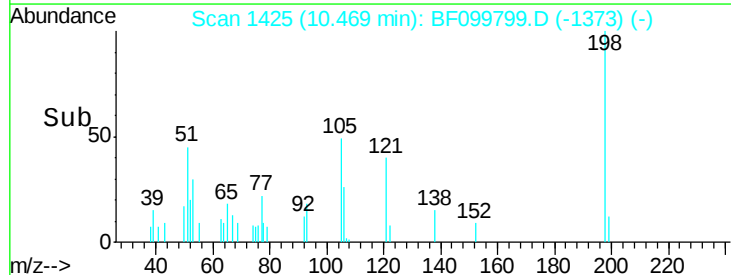
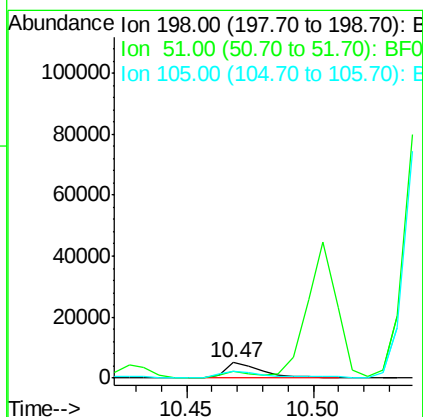
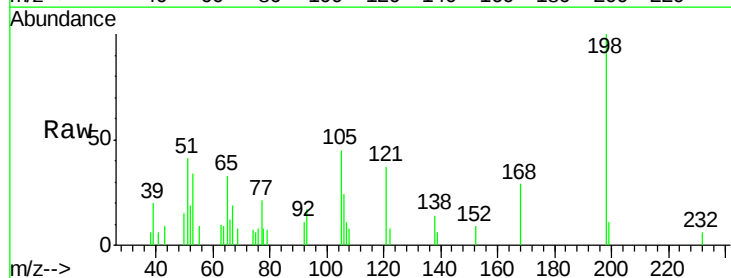
Instrument :
BNA_F
ClientSampleId :

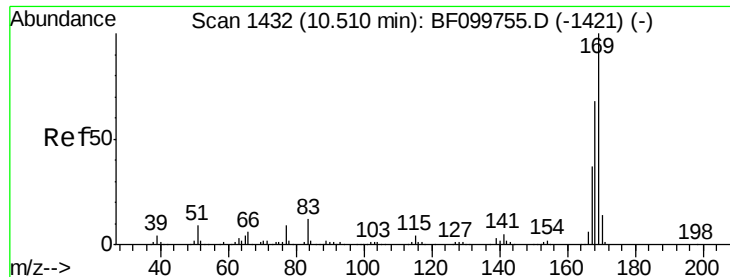
Tot Ion:188 Resp: 221461
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 10.6 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 3.67 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:198 Resp: 5115
Ion Ratio Lower Upper
198 100
51 41.5 37.7 77.7
105 45.3 36.3 76.3

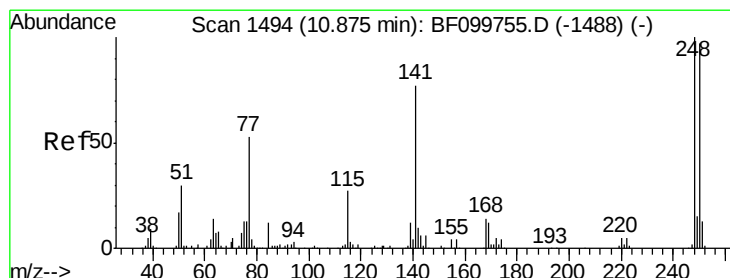
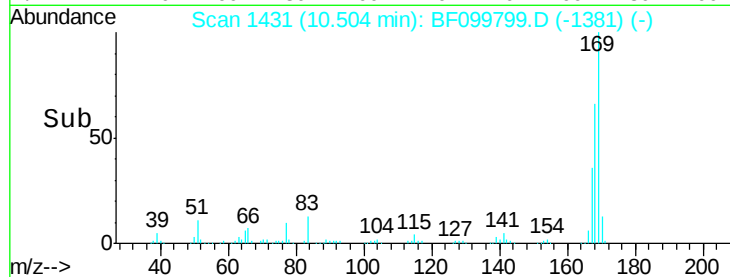
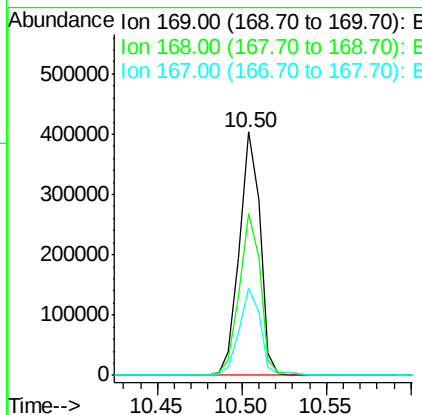
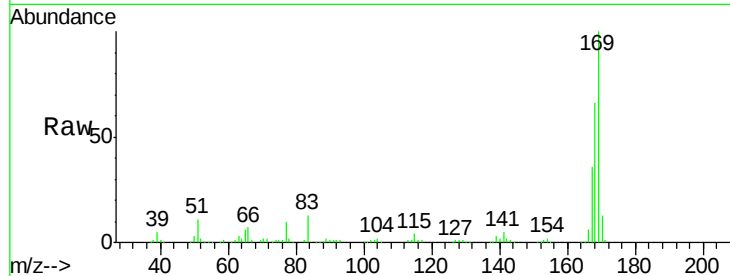




#65
 n-Nitrosodiphenylamine
 Concen: 42.20 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

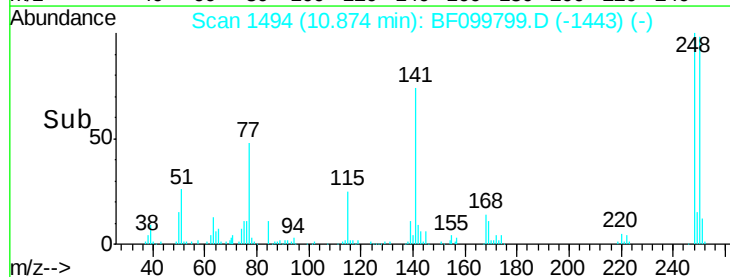
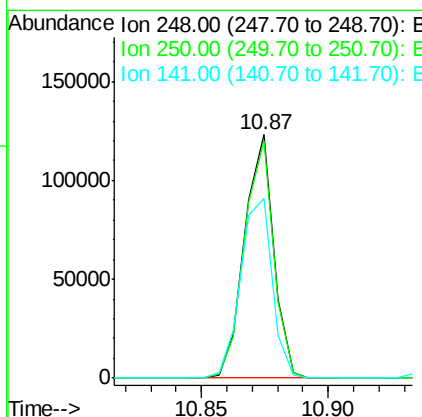
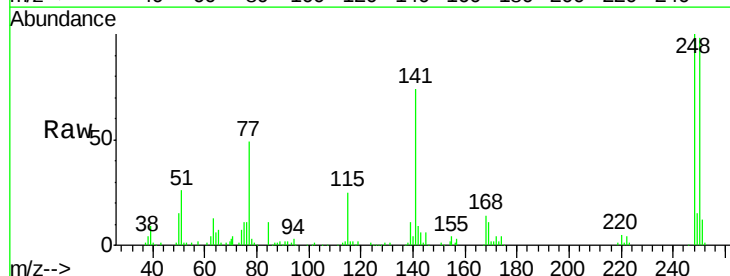
Instrument :
 BNA_F
 ClientSampleId :

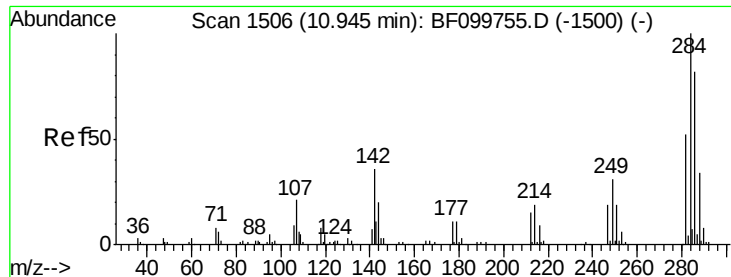
Tot Ion:169 Resp: 344984
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.4 81.6
 167 35.8 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 42.40 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion:248 Resp: 98846
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.9 115.3
 141 73.6 74.4 111.6#

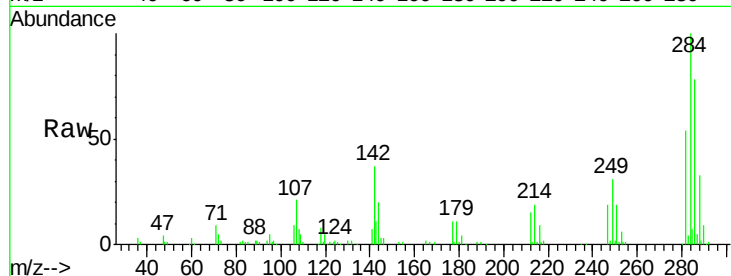




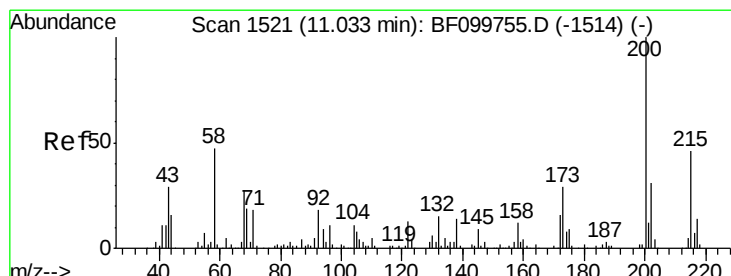
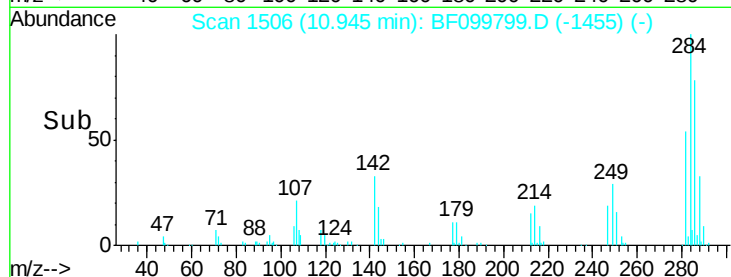
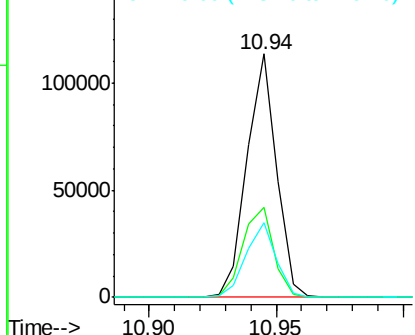
#67
Hexachlorobenzene
Concen: 38.70 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 92308
Ion Ratio Lower Upper
284 100
142 37.2 34.6 52.0
249 30.8 24.8 37.2

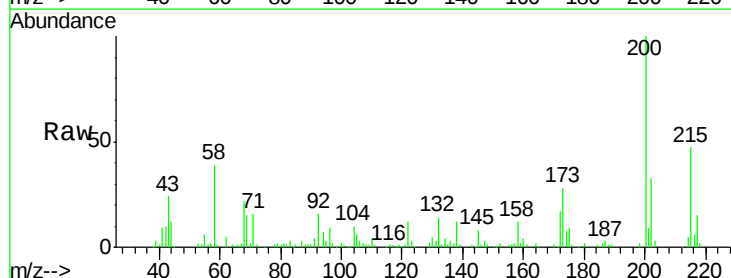


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

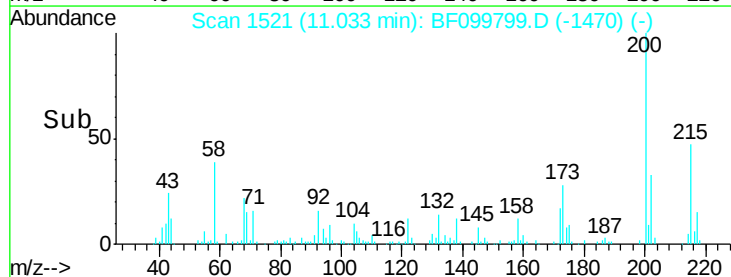
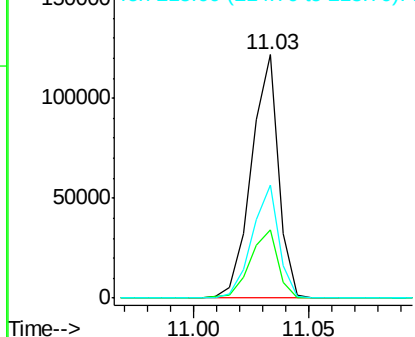


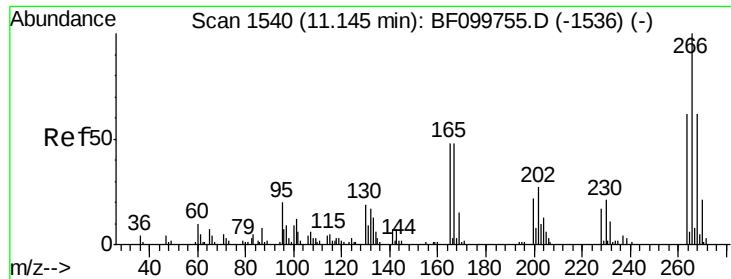
#68
Atrazine
Concen: 40.73 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:200 Resp: 100031
Ion Ratio Lower Upper
200 100
173 28.1 8.6 48.6
215 46.6 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

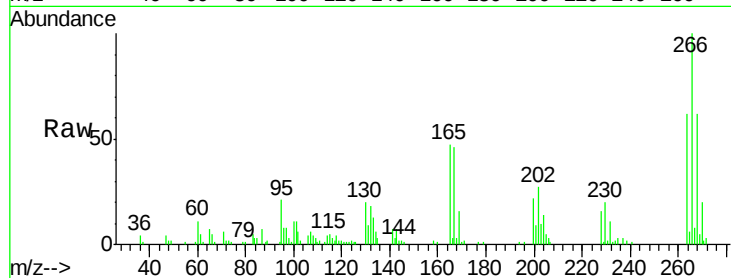




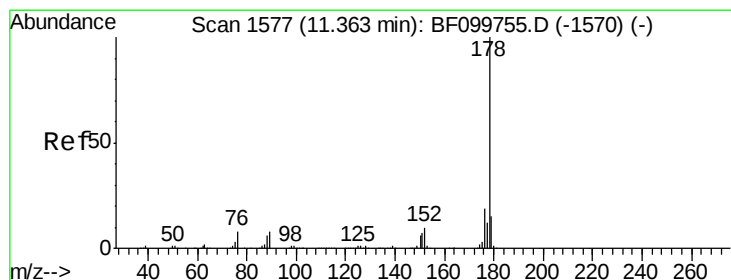
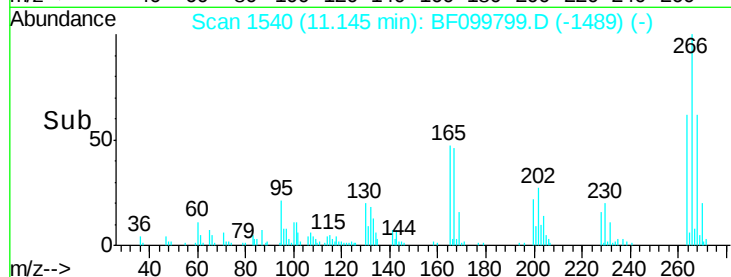
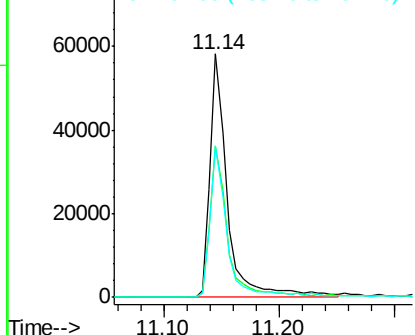
#69
 Pentachlorophenol
 Concen: 60.11 ng
 RT: 11.14 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 61267
 Ion Ratio Lower Upper
 266 100
 268 62.1 51.1 76.7
 264 62.2 49.5 74.3

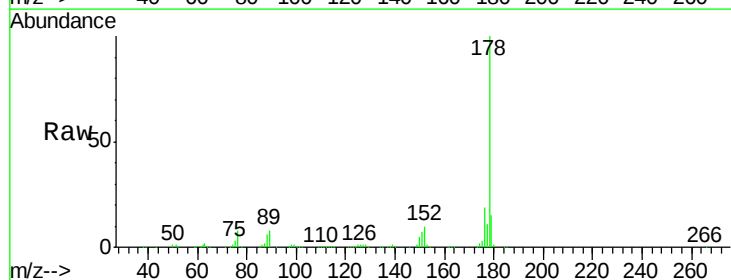


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

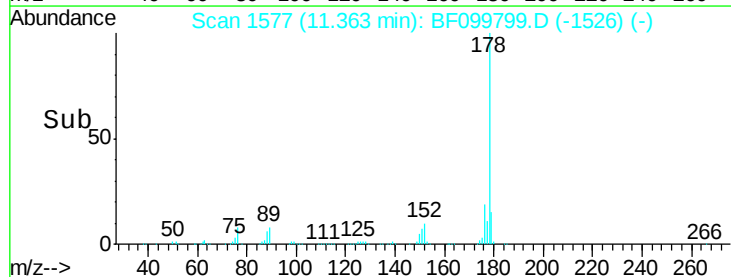
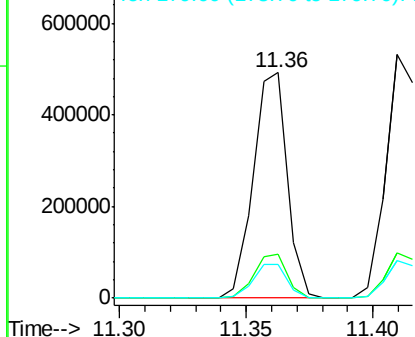


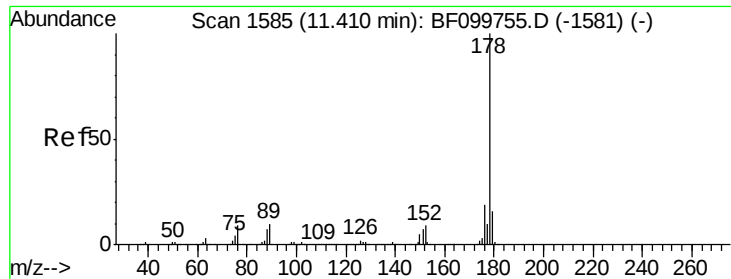
#70
 Phenanthrene
 Concen: 36.76 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion:178 Resp: 459484
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.8 23.8
 179 15.0 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

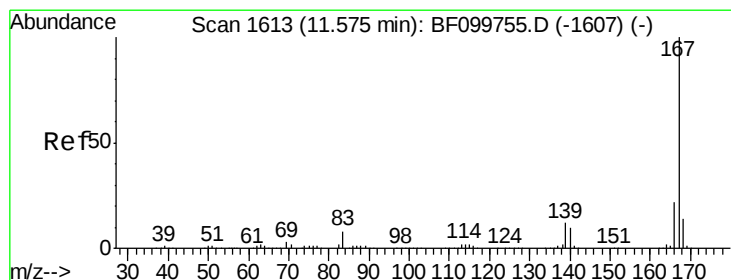
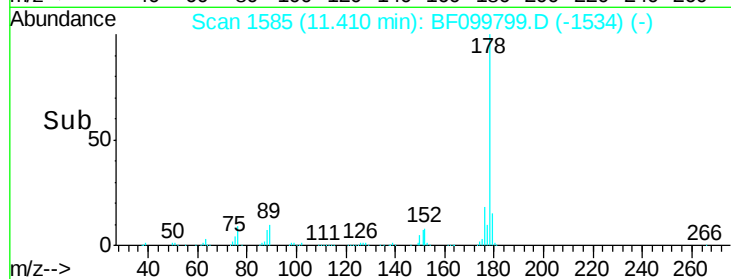
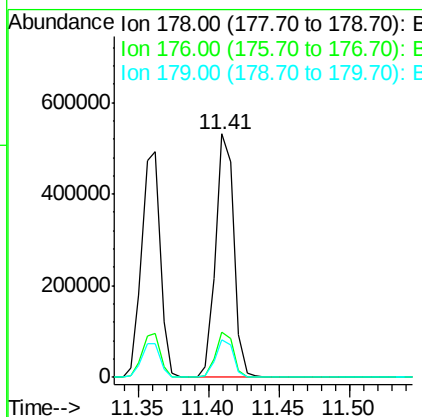
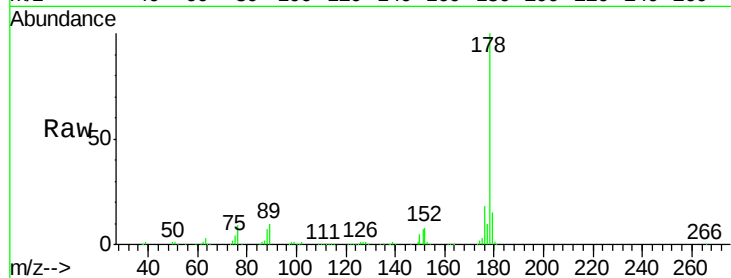




#71
 Anthracene
 Concen: 37.63 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

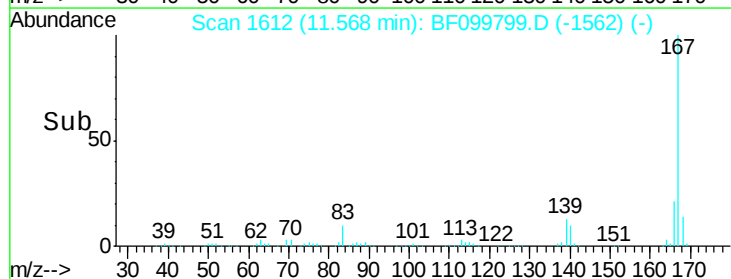
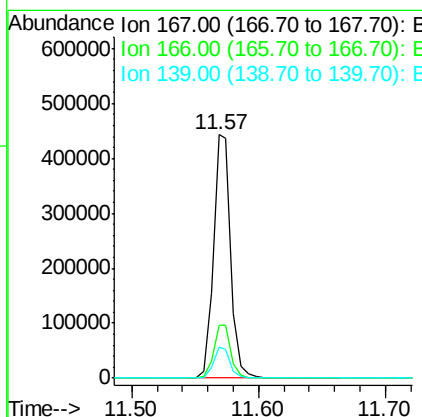
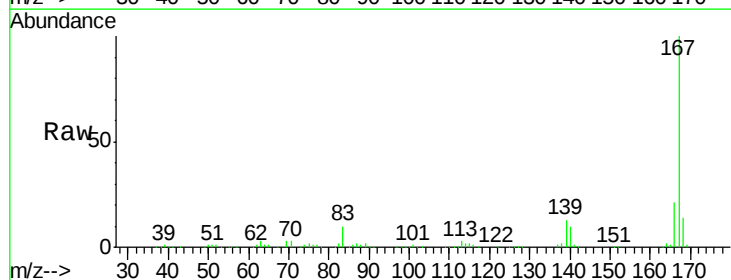
Instrument :
 BNA_F
 ClientSampleId :

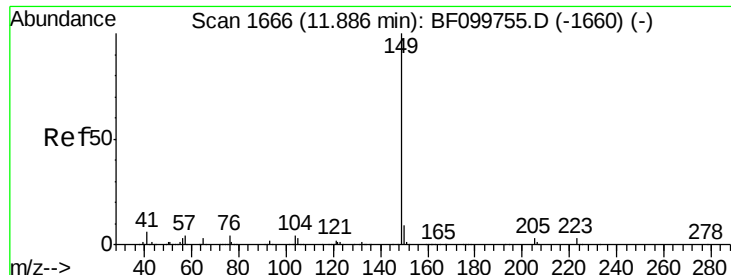
Tot Ion:178 Resp: 477389
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 35.50 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion:167 Resp: 423559
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.6 26.4
 139 12.6 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.98 ng

RT: 11.89 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

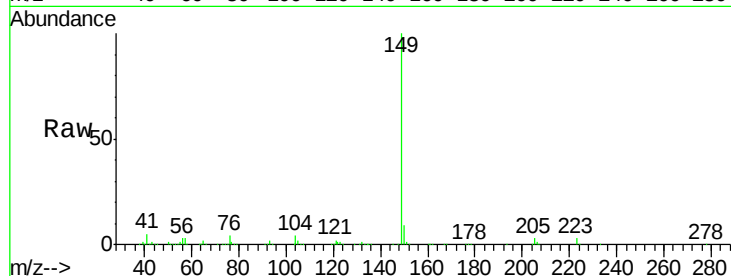
Tot Ion:149 Resp: 593124

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

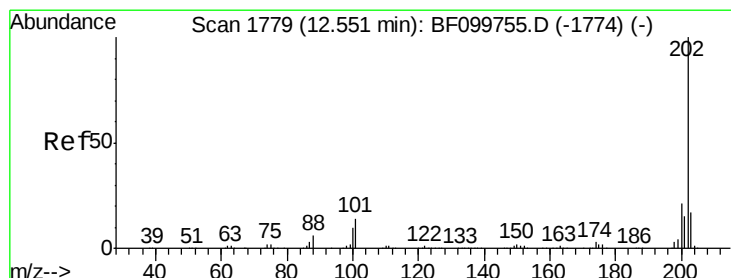
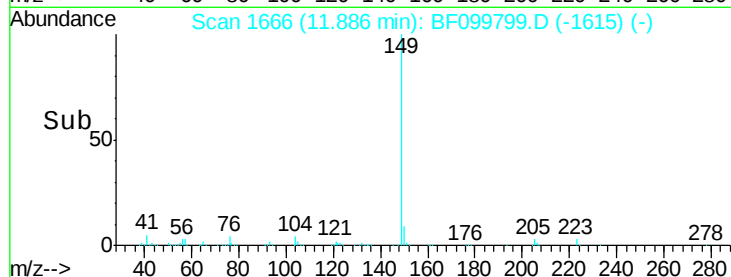
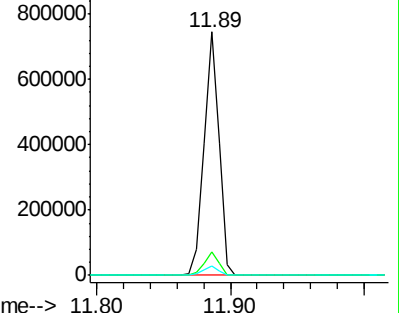
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 31.84 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

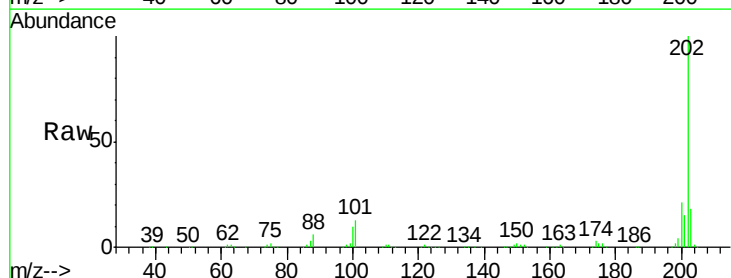
Tgt Ion:202 Resp: 413531

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

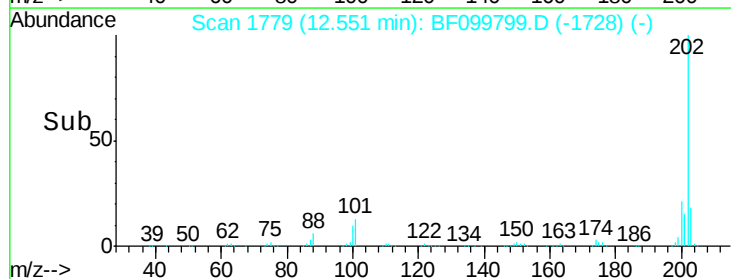
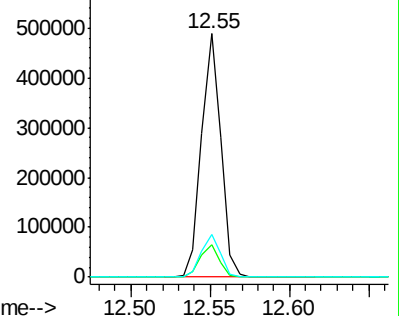
203 17.5 0.0 38.1

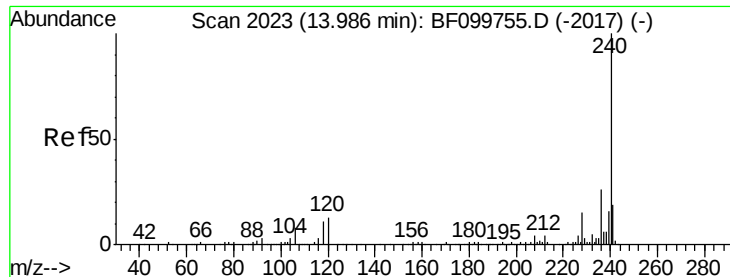


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

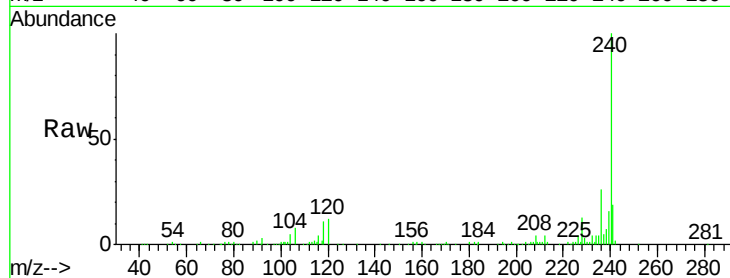
Tot Ion:240 Resp: 156426

Ion Ratio Lower Upper

240 100

120 12.1 9.5 14.3

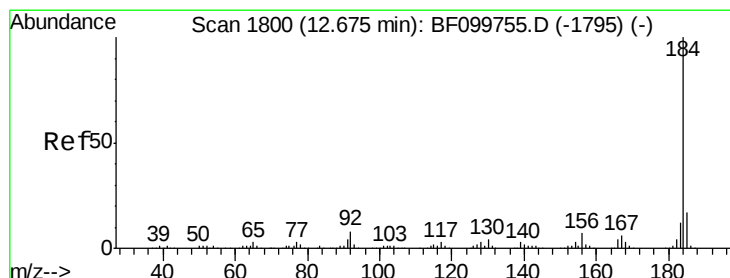
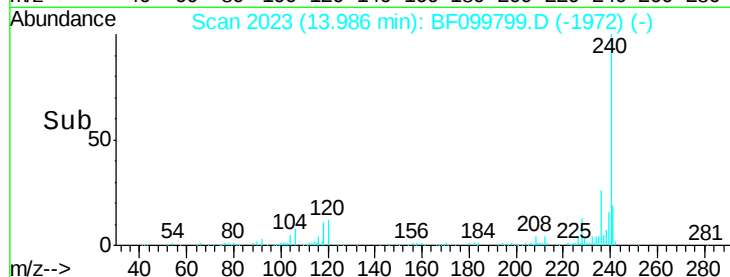
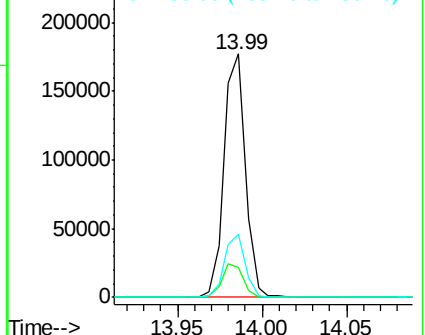
236 25.9 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.24 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.01 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

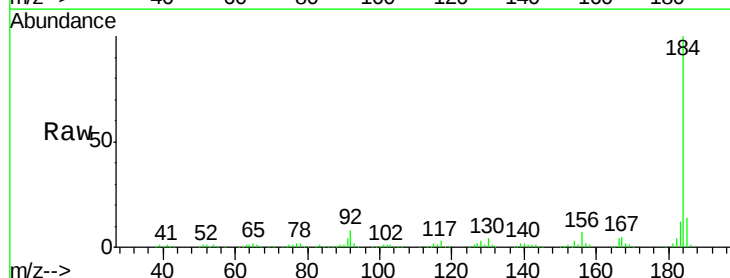
Tgt Ion:184 Resp: 323359

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

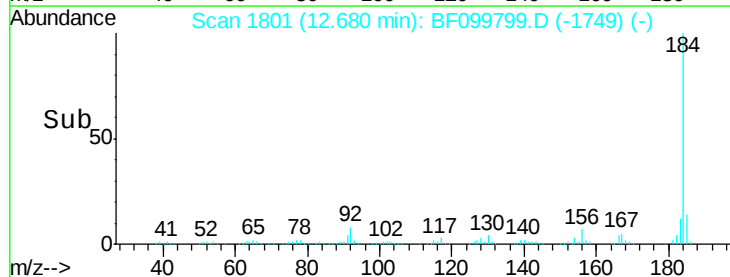
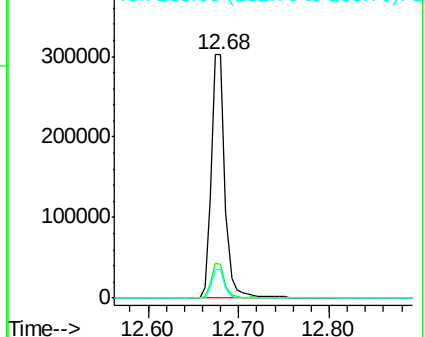
183 11.7 9.3 13.9

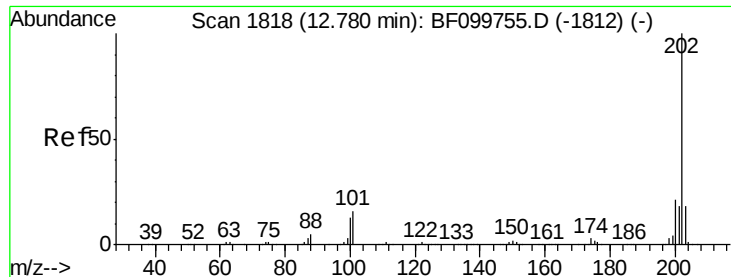


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

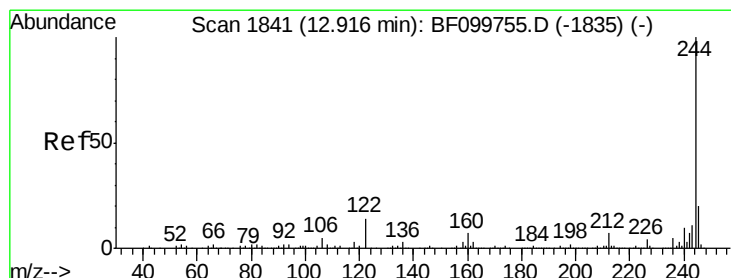
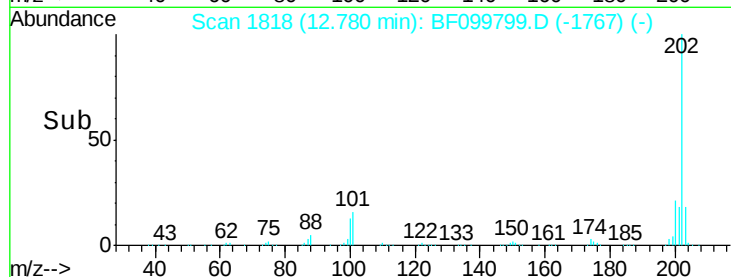
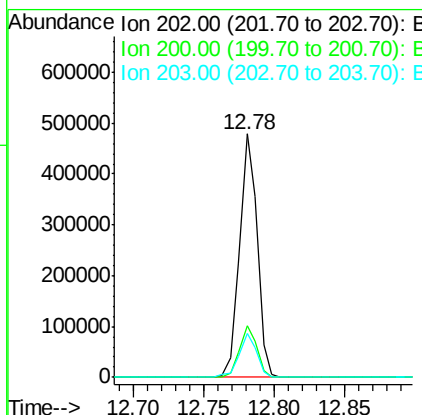
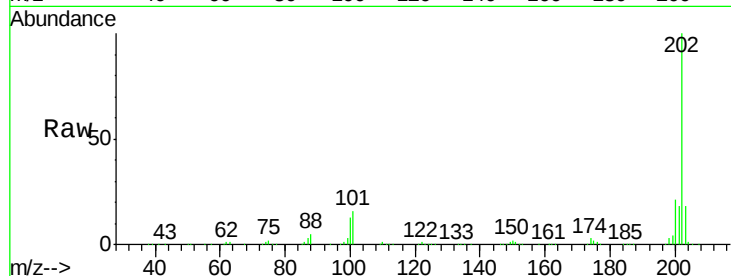




#77
Pvrene
Concen: 35.04 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

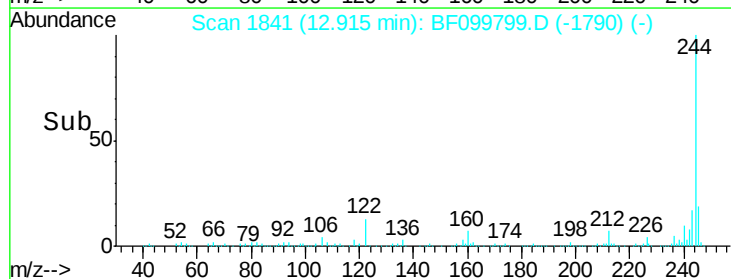
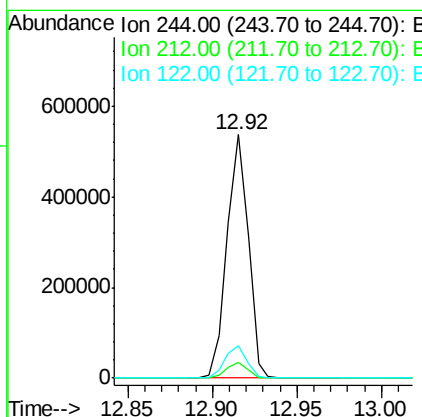
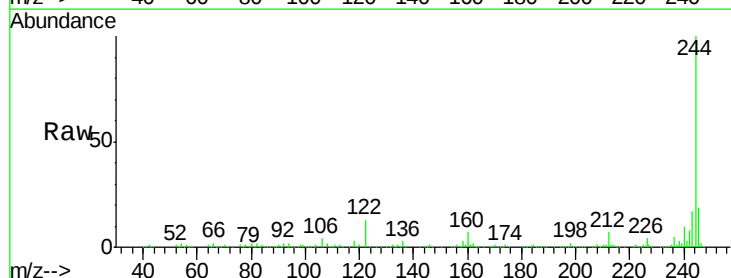
Instrument :
BNA_F
ClientSampleId :

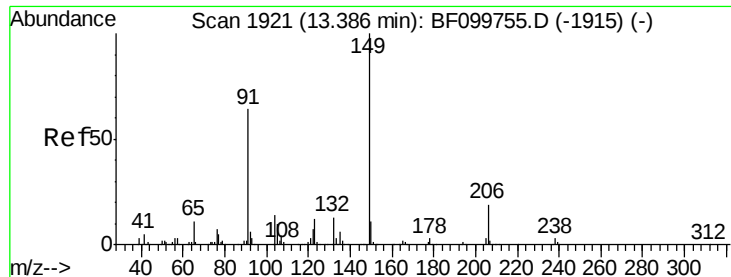
Tot Ion:202 Resp: 416803
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 65.50 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:244 Resp: 468832
Ion Ratio Lower Upper
244 100
212 6.7 5.4 8.0
122 13.4 11.0 16.4

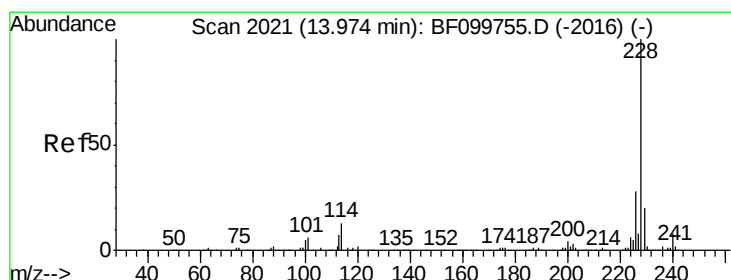
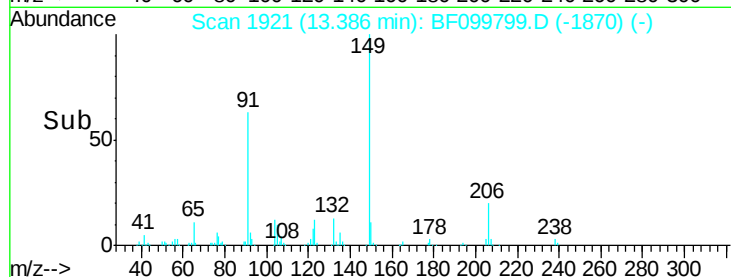
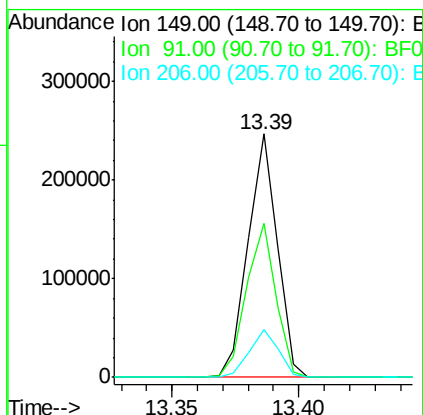
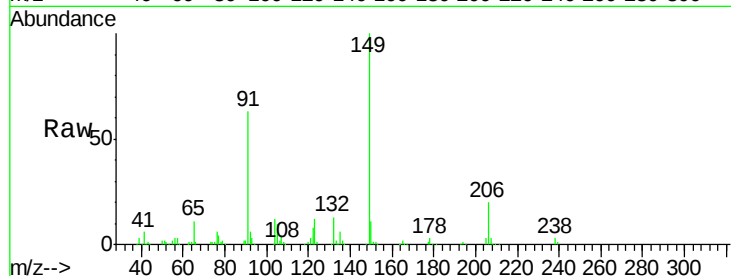




#79
Butylbenzylphthalate
Concen: 33.93 ng
RT: 13.39 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

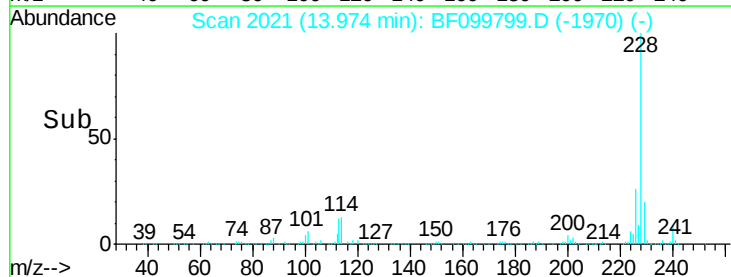
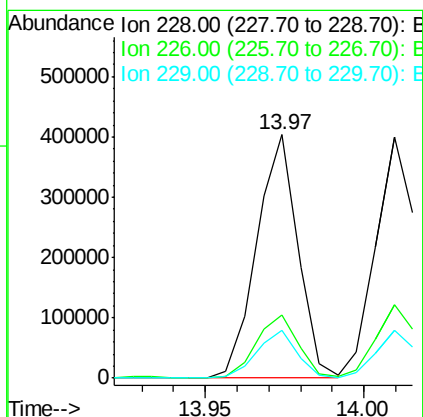
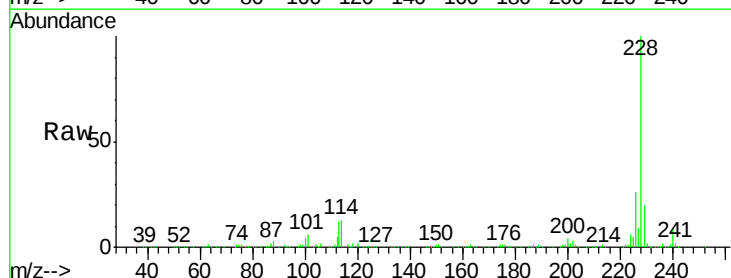
Instrument :
BNA_F
ClientSampleId :

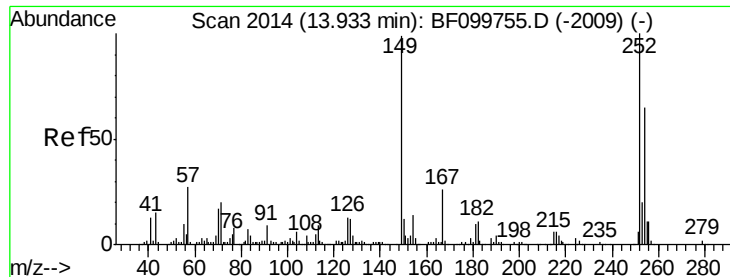
Tot Ion:149 Resp: 198740
Ion Ratio Lower Upper
149 100
91 63.2 56.8 85.2
206 19.7 14.1 21.1



#80
Benzo(a)anthracene
Concen: 36.71 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF099799.D
Acq: 24 Oct 2017 20:24

Tgt Ion:228 Resp: 364078
Ion Ratio Lower Upper
228 100
226 26.2 22.6 33.8
229 19.7 15.8 23.6

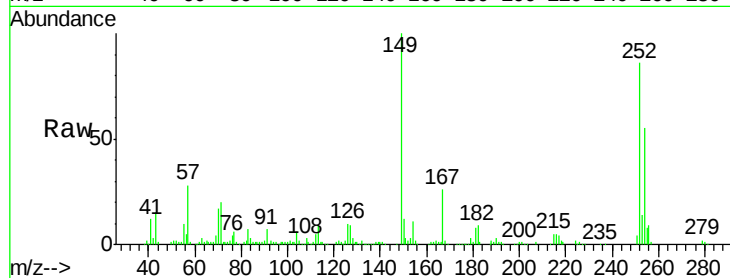




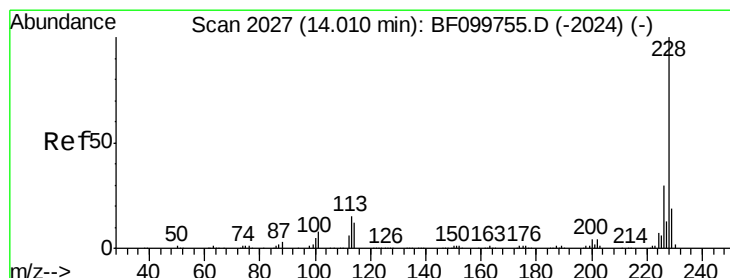
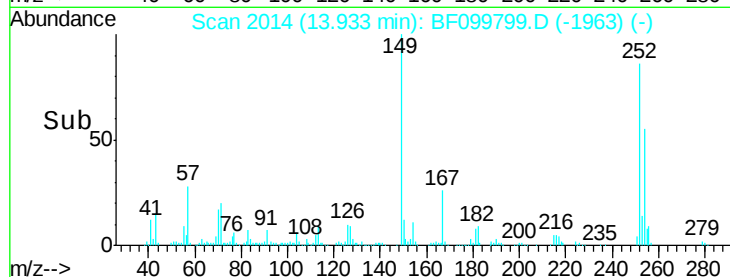
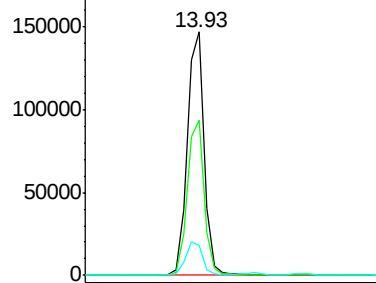
#81
 3,3'-Dichlorobenzidine
 Concen: 36.64 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 131898
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.4 75.6
 126 12.1 11.3 16.9

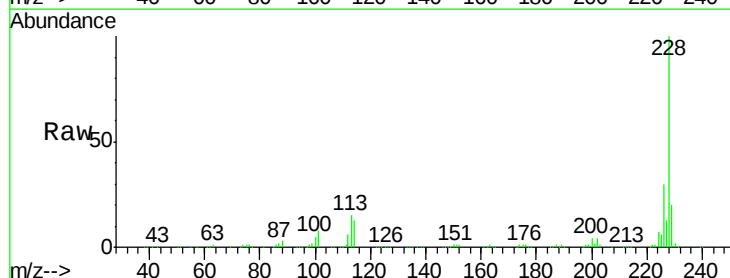


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

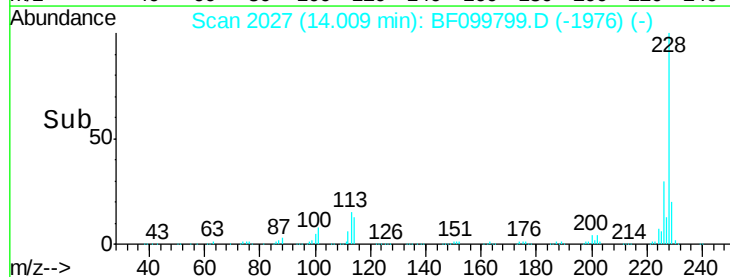
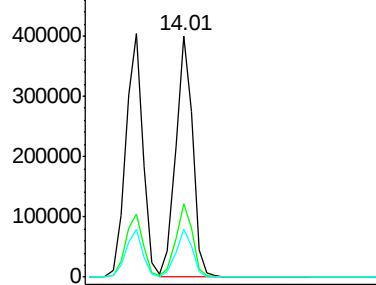


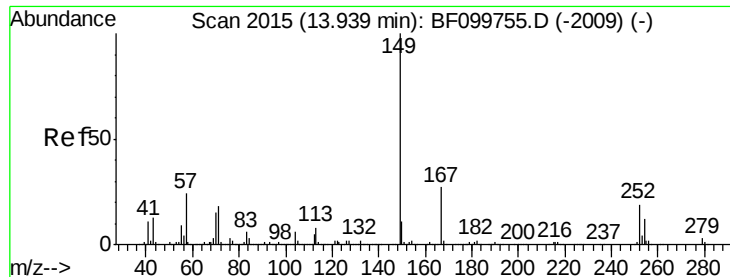
#82
 Chrysene
 Concen: 37.64 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion:228 Resp: 350878
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.20 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

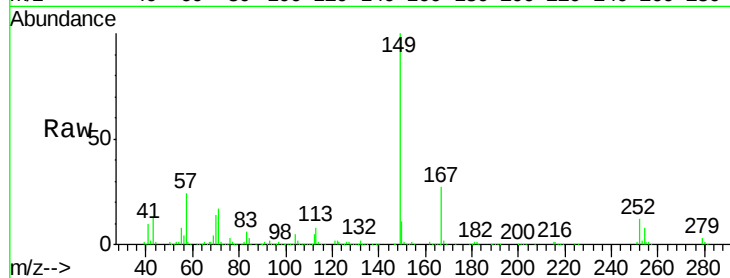
Tot Ion:149 Resp: 281303

Ion Ratio Lower Upper

149 100

167 27.1 21.3 31.9

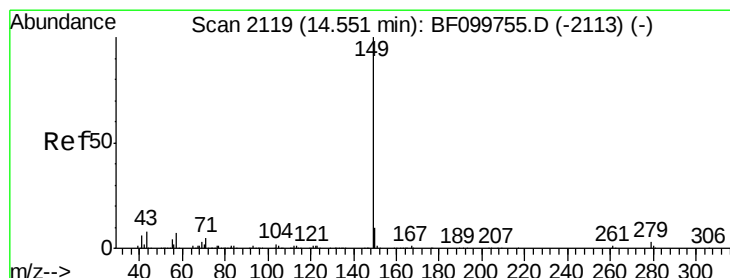
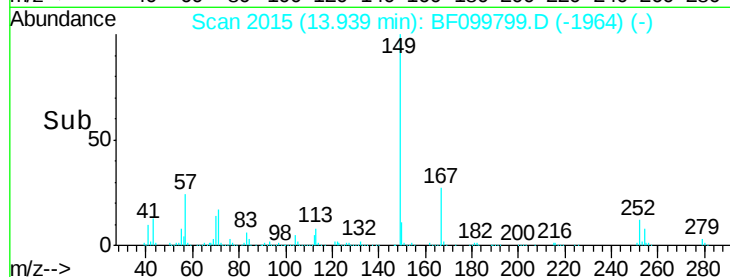
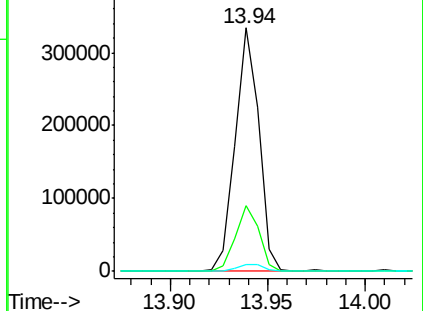
279 2.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.67 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

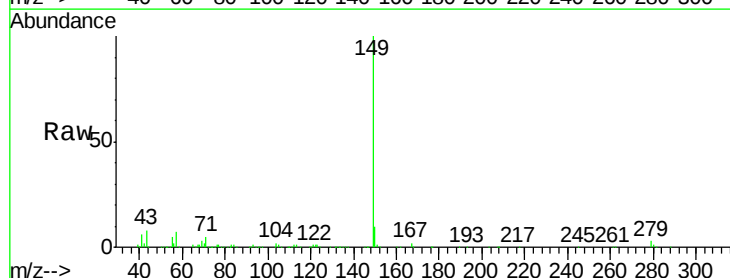
Tgt Ion:149 Resp: 503632

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

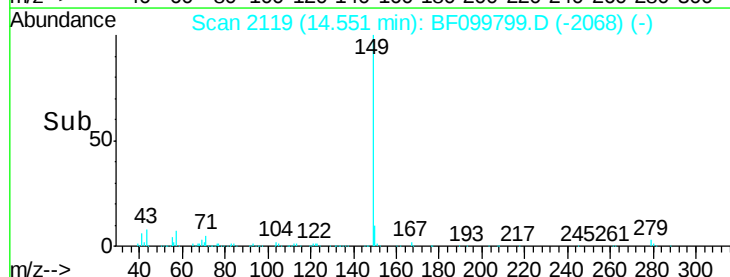
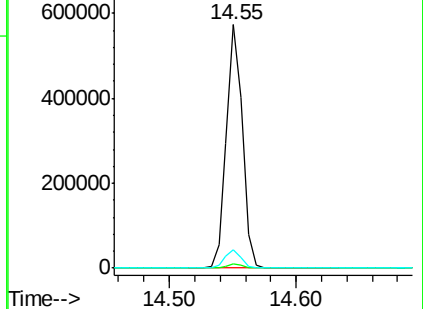
43 7.4 8.4 12.6#

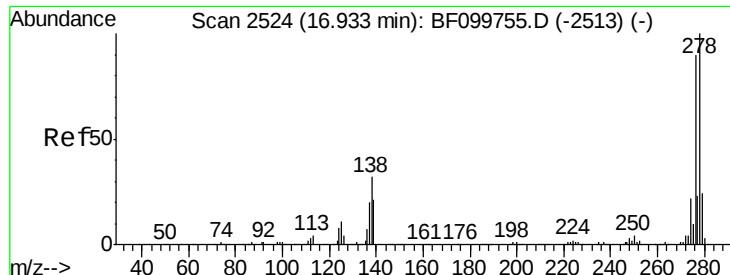


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

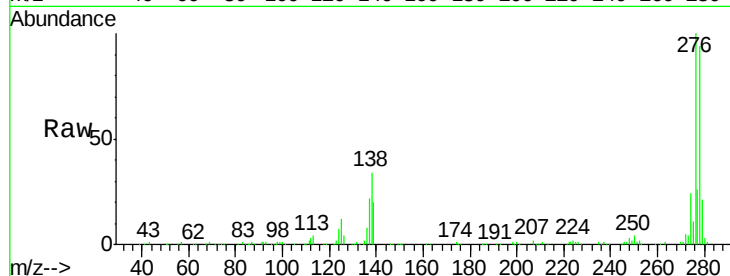




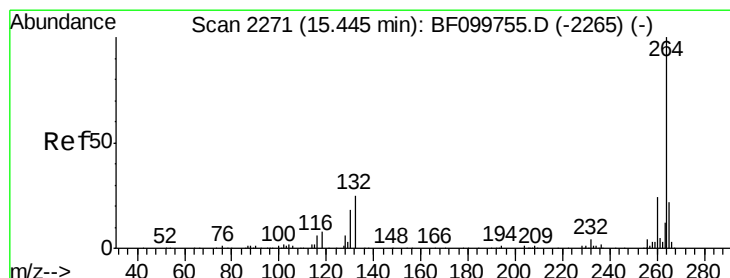
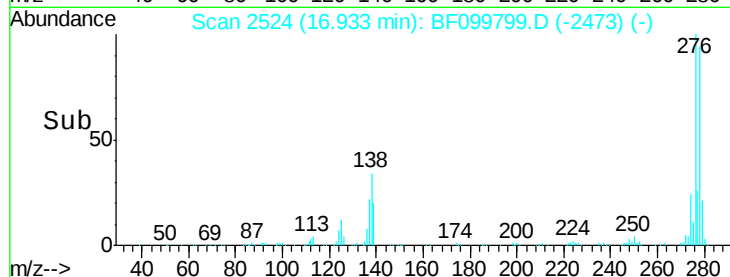
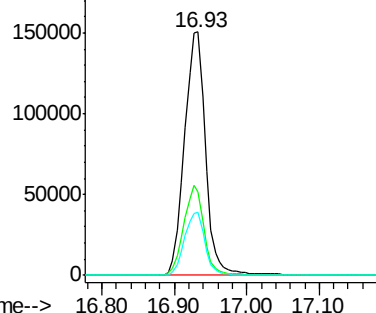
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.73 ng
 RT: 16.93 min Scan# 2524
 Delta R.T. -0.00 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.2	25.0	37.6
277	25.4	20.1	30.1

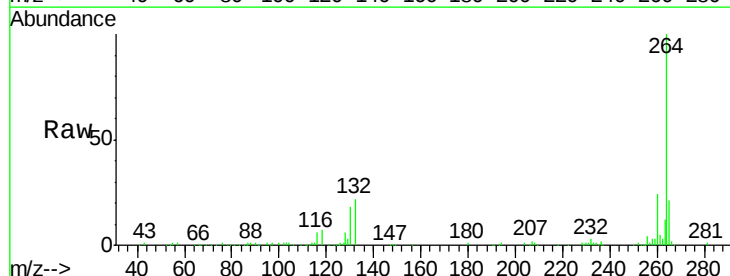


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

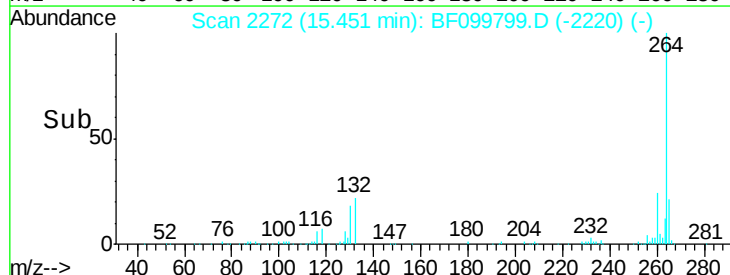
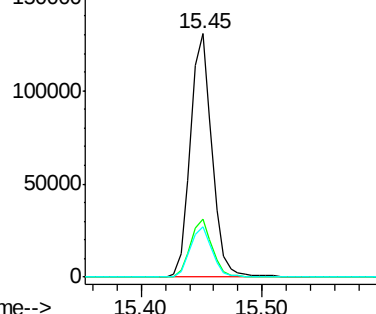


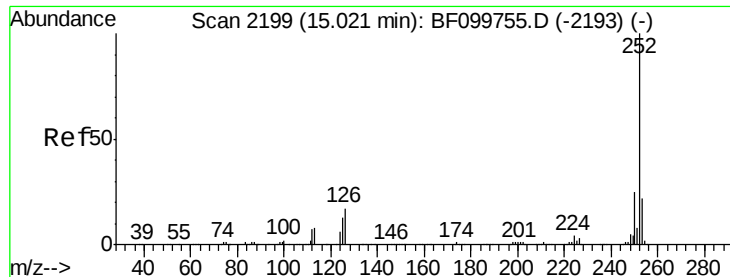
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099799.D
 Acq: 24 Oct 2017 20:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	20.8	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 37.45 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

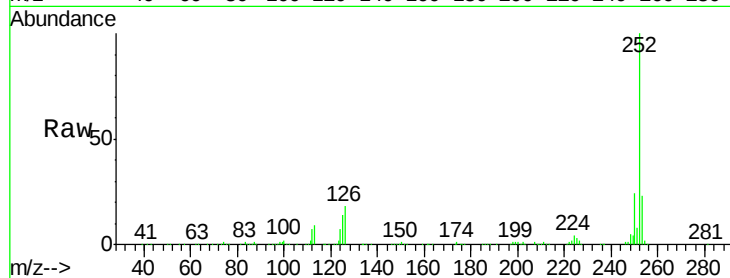
Tot Ion:252 Resp: 379410

Ion Ratio Lower Upper

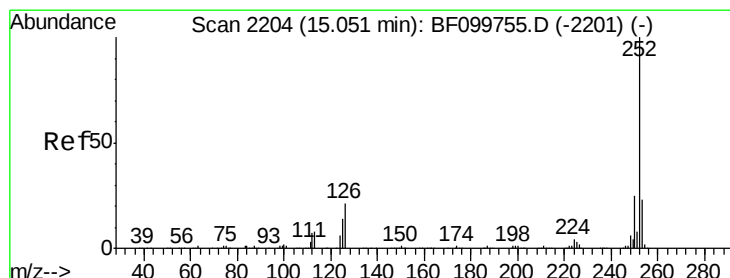
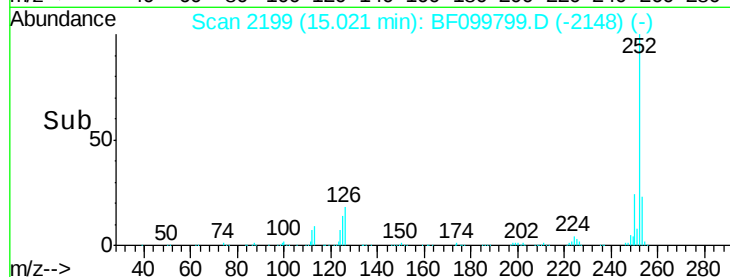
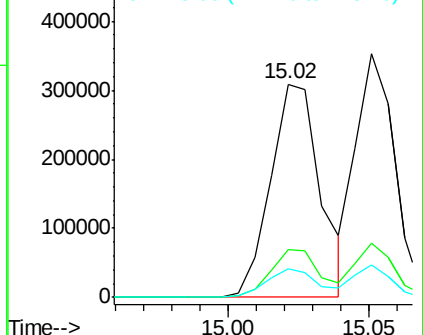
252 100

253 22.5 17.0 25.6

125 13.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.30 ng

RT: 15.05 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

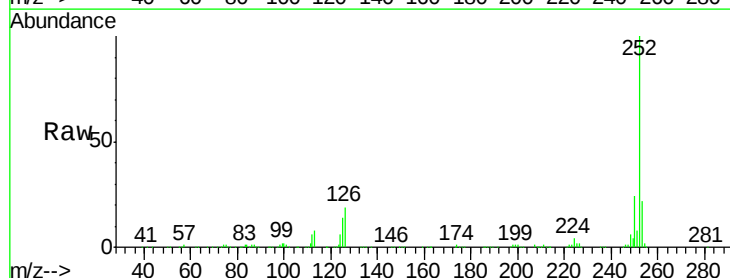
Tgt Ion:252 Resp: 346744

Ion Ratio Lower Upper

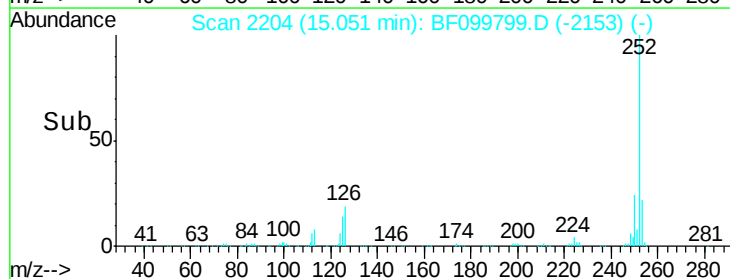
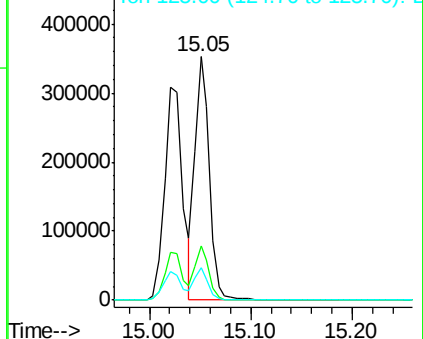
252 100

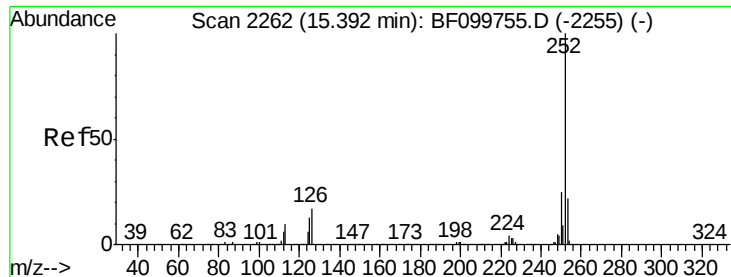
253 22.0 17.9 26.9

125 13.6 10.2 15.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.07 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :

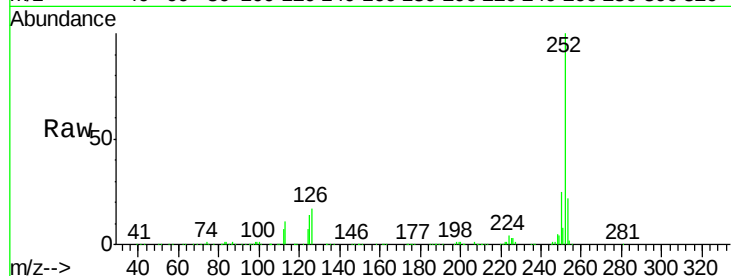
Tot Ion:252 Resp: 346486

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

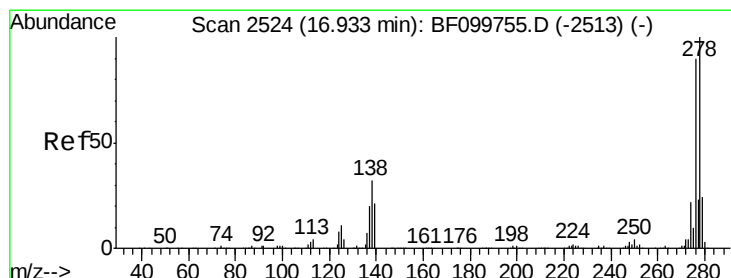
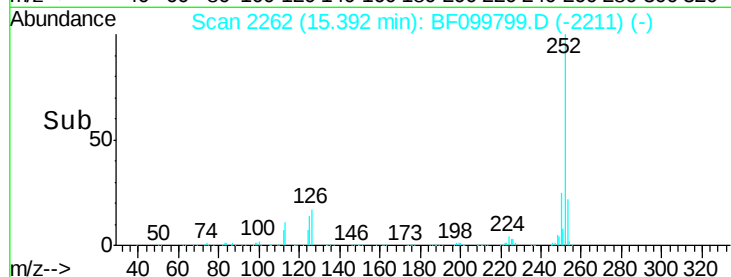
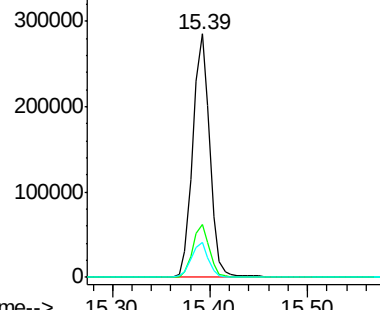
125 14.1 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 32.89 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

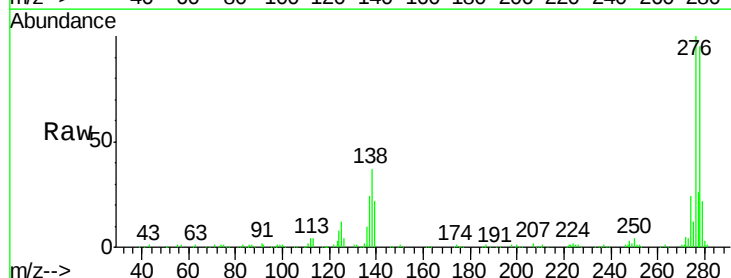
Tgt Ion:278 Resp: 265934

Ion Ratio Lower Upper

278 100

139 22.9 15.9 23.9

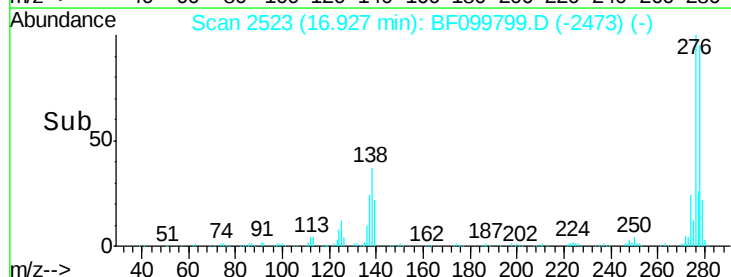
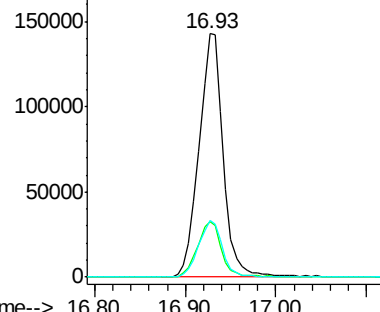
279 23.1 19.0 28.4

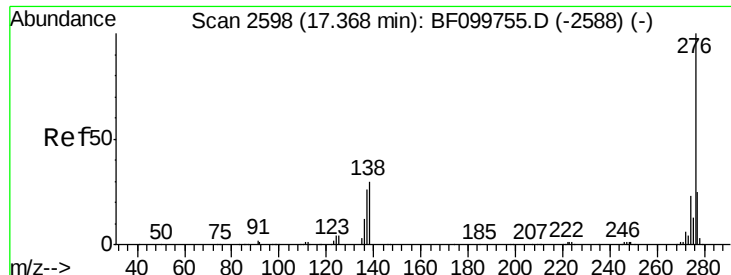


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 30.48 ng

RT: 17.37 min Scan# 2599

Delta R.T. 0.01 min

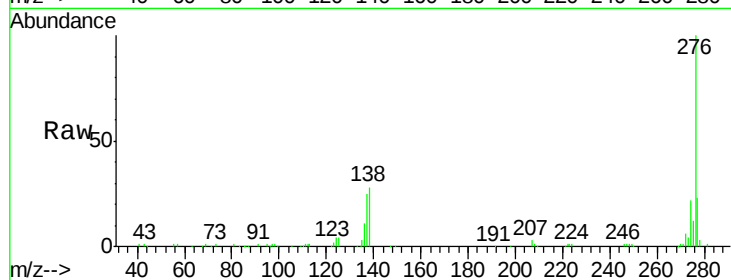
Lab File: BF099799.D

Acq: 24 Oct 2017 20:24

Instrument :

BNA_F

ClientSampleId :



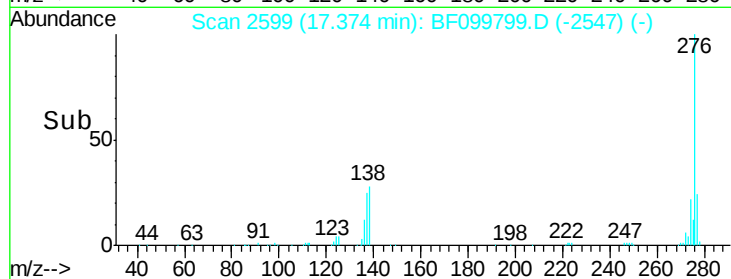
Tot Ion: 276 Resp: 241126

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 27.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

